

The
CHEMIST AND DRUGGIST
for RETAILER - WHOLESALE - MANUFACTURER

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OCTOBER 2, 1943

Annual Subscription (with
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AP 1180.

— R. P.

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AT 1108.

— F. T.

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AH 1263.

— E. H.

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OWING to shortage of labour and packing materials (and in order to comply with the Government's demand for utmost economy), we have been compelled to restrict the direct supply of our four main products to pre-packed parcels only. To meet the requests of a number of our customers, we have recently revised our original parcels to the contents shown below. Retailers requiring assortments other than these can obtain from their Wholesalers.

The minimum for a direct order remains at £5, which can be made up by parcel 'A'; or by any two of parcels 'B' to 'O'; or by any one of 'B' to 'O' plus a selection of our other preparations, such as Alkia Saltrates, Bisuroids, Nemakol and Nemolin. Toilet lines may also be included to the value of your quota.

Co-operation allowances: On orders of £5.....7½% £10.....10%

A 1 doz. 1/5 Bismag Powder ... 12 0 1 1/2 " 2/10 " Tablets ... 12 0 2 " 1/5 " " ... 1 4 0 1 " 2/10 " " ... 1 4 0 1 " 1/9 Pineate Honey Cough-Syrup ... 13 9 1 " 2/3 Limestone Phosphate ... 18 0 1 " 1/5 Freezone Corn Remover ... 11 3 Purchase Tax on all goods and on bonus ... 1 1 1 <u>£6 16 1</u>	F 1 doz. 2/10 Bismag Powder ... 1 4 1 1/2 " 2/10 " Tablets ... 1 16 Purchase Tax on above and on bonus ... 11 <u>£3 11</u>
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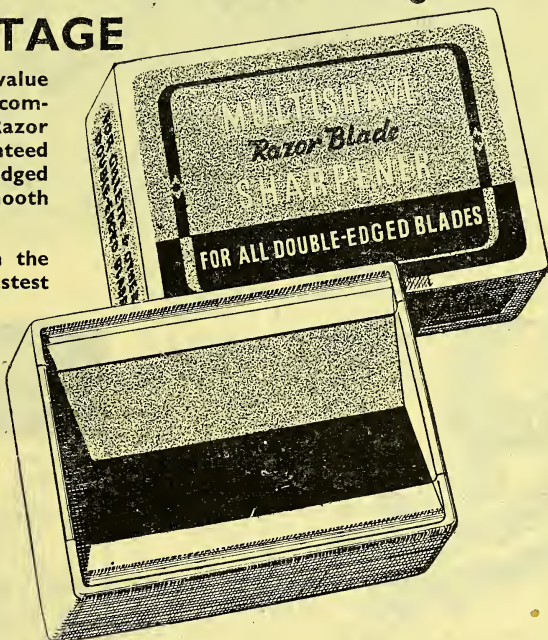
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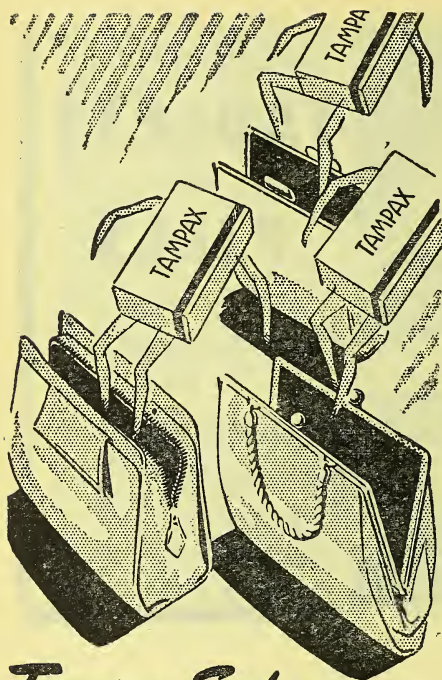
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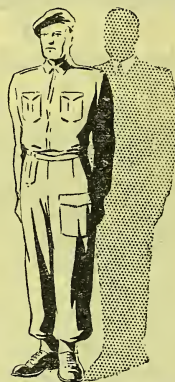
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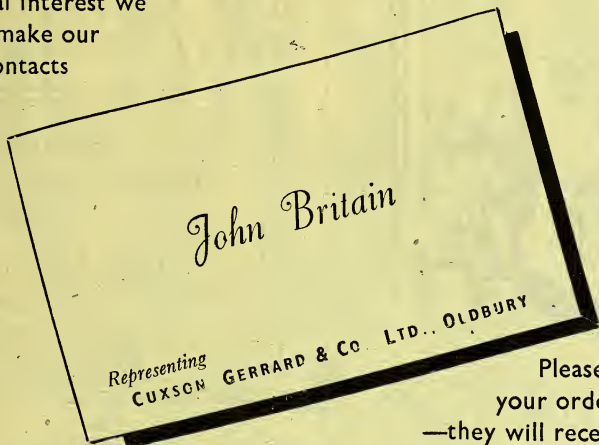
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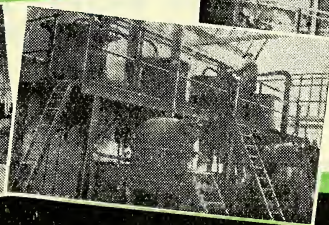
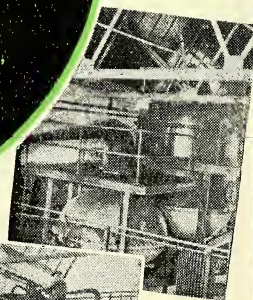
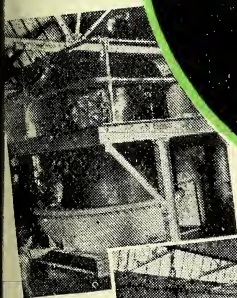
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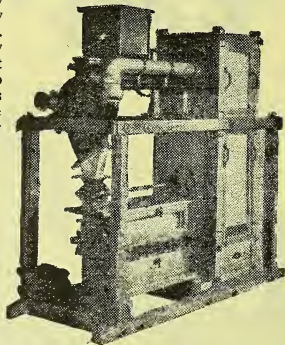
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This noish fellow loudhly bawls,
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Fortunately, we are still able to supply display or sticker on request, but it has become a matter of vital concern to the Nation that every piece of display material should be made to last. No more can be made or printed, so please use your present display as long as possible. When it is really worn out, put it with your other salvage and write us for a new one.

**We have a limited supply of chemists
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ASPRO
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About the new 'Kepler' advertising

This winter 'Kepler' will be advertised extensively in the Sunday national papers, in such magazines as the Radio Times, Punch, Picture Post, and many women's journals.

More mothers will be looking to 'Kepler' to help their "men and women of tomorrow" through another wartime winter, and demand will be greater than ever.

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'Kepler'

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COD LIVER OIL WITH MALT EXTRACT

Bottles of two sizes, 3/6 and 6/3

Retail Prices



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... in the form of
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Clinical investigation★ has shown that absorption by the rich capillary network under the tongue is more effective than from the intestinal tract since the hormone is destroyed neither by intestinal ferments nor, as it enters directly into the systemic circulation, by the liver before it can exert its effect.

★ *Brit. Med. J.*, 1942, 1, 668,
J. Clin. Endocrin., 1942, 2, 639.

The Ciba sex hormones for oral administration are, therefore, now being put up in the form of LINGUETS for sublingual use. LINGUETS are sucked under the tongue and take about ten minutes to disappear. As little saliva as possible should be swallowed.

PERANDREN LINGUETS

contain the orally active derivative of the male sex hormone, methyl testosterone, and may be prescribed in all conditions in which Perandren is indicated in moderately low dosage.

(Bottles of 20 and 100 each containing 5 mg.)

LUTOCYCLIN LINGUETS

have replaced the original Oral Tablets and contain anhydro-hydroxy-progesterone (ethisterone), a modification of progesterone with marked oral progestational activity. Indications, dosage, packages and prices remain as for the original form.

(Bottles of 10 and 50 each containing 5 mg.)

OVOCYCLIN LINGUETS

The orally active form of the oestrogenic hormone, oestradiol, will in future be prepared as Linguets in place of Tablets. Commencing with the weakest strength, OVOCYCLIN LINGUETS 0.04 mg. have now replaced the original Tablets of the same strength. As and when conditions allow, the two remaining strengths will be issued as LINGUETS.

Indications, dosage and prices remain as previously.

The packages are as follows:—

LINGUETS

Bottles of 50 each containing 0.04 mg.

TABLETS

Bottles of 30 each containing 0.1 mg.

Bottles of 25 each containing 1 mg.



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NEWS OF THE WEEK

Chesterfield Annual Meeting.—At the annual meeting of the Chesterfield Branch of the Pharmaceutical Society, the chairman (F. Elliott) referred to the loss of a highly respected member, the late Mr. C. H. Jones, and members stood in silence as a mark of respect. The meeting then discussed the health services.

British Property in Enemy Countries.—The Committee of the Federation of British Industries formed to consider British property, rights and interests in enemy and enemy-occupied countries held its first meeting recently. Mr. C. F. I. Ramsden (General Director of the Federation) said the question was much more complicated than had arisen after the last war, when £100,000,000 was obtained from the liquidation of German assets in this country from transfers by Germany to this country, with the result that British claims were met in full and, in addition, a substantial sum was handed over to the Treasury. British investments on the Continent were now far larger, while

German assets in this country were likely to prove much smaller. The enemies' widespread occupations of the Continent and in the Far East added to the complexity of the problem. The committee agreed that it might be necessary to set up sub-committees.

New Shortage of Drugs Order.—A further Order has been made specifying authorised alternative substances for drugs in short supply. The Order, the Scarce Substances Order, 1943 (S. R. & O., 1943, No. 1345), made by the Ministry of Health and the Secretaries of State, authorises concentrated infusion of quassia as an alternative to concentrated compound infusion of gentian, and fresh infusion of quassia as an alternative to fresh compound infusion of gentian. The Order came into operation on September 13. Except where the prescription is marked "N.A." by the prescriber, dispensers may now use or supply the corresponding quantity of the alternative preparation when the original "scarce" substance is ordered on a prescription.

Destroyed by Fire.—The shop and premises of Mr. Daniel Nolan, L.P.S.I., Castleisland, co. Kerry, were destroyed by fire recently.

New Shopfront.—Miss Maureen C. Fox, M.P.S.I., is having a new modern front installed at her pharmacy at 17 Upper Ormond Quay, Dublin.

Torch Restriction Relaxed.—Under the Lighting (Restrictions) (Amendment) (No. 2) Order, 1943, which came into force on September 23, the restrictions on the use of hand lamps and hand torches are relaxed to the extent that it is no longer necessary to obscure the aperture with two thicknesses of tissue paper. The size of the aperture permitted is unchanged (i.e., 1 in. in diameter). A similar Order operates in Northern Ireland.

Inquests.—A verdict of "Death by Misadventure" was returned at an inquest on September 16 on the infant child of Mr. and Mrs. Alderman, 59 Rogers Road, Tooting, London, S.W. The newly-born infant was stated to have been given a quarter-teaspoonful of castor oil by a relative. A pathologist said inflammation found in the stomach was due to the oil.—At West Mersea, Essex, a suicide verdict was returned on Miss Roberts, following her death from cyanide poisoning.

Shropshire Branch Officers.—The officers of the Shropshire and Montgomeryshire Branches of the Pharmaceutical Society and National Pharmaceutical Union were elected at a recent meeting of the committee, as follows: *President*, Mr. J. B. Gouldbourn, Shrewsbury; *Treasurer*, Mr. H. B. Eldred; *Secretary*, Mr. E. Margerrison, Market Street, Oakengates. To fill vacancies caused by the passing of Mr. F. E. Hunt, Messrs. H. B. Eldred was elected *Chairman*, and Hugh McLean, St. Helier, Woodfield Road, Shrewsbury, *Secretary* of the War Services Pharmaceutical Committee.

Secession from Canadian Pharmaceutical Association.—The Manitoba Province Pharmaceutical Association has given the required twelve months' notice of its intention to withdraw from the Canadian Pharmaceutical Association. Its action is taken on the issue whether the Dominion Association shall form a Board of Commercial Interests. Commercial interests in the province of Manitoba have been "fully explored . . . at considerable expense to individual druggists," by another body, the Manitoba Retail Druggists' Association, and the local pharmaceutical association feels that, first, the strong position of pharmacist retailers in the province may

become jeopardised by a "hastily organised Dominion Committee presuming to sent all the provinces"; and secondly the "infusion of a dominant committee note in the policies of the Canadian Pharmaceutical Association will materially judice its status as the advocate of professional pharmacy."

Sampling of Rationed Foods.—The Ministry of Food has arranged that, rationed foods taken by sampling come under the Food and Drugs (Adulteration) Act, 1928, and the Food and Drugs Act, 1938, are not covered by the surrender coupon or coupons, a standard form of receipt will be given. The arrangements operate "almost immediately." Standard forms of receipt will be used by the official enforcement inspectors of the Ministry of Food.

Eire Drug Position.—Under the heading "Shortage of Drugs," the "Irish Times" featured recently a letter from a respondent signing herself "Worried Reader" who wrote: "My husband suffers from trouble, and was dangerously ill for a period a few years ago, when he owed recovery to the skill of his doctor and use of certain drugs essential in such cases. He has just had a return of a very serious ailment, and the same gave the identical prescription proved so successful previously. To my astonishment five leading chemists were unable to fulfil the prescription, and one of them having approached the whole was told the drug in question could not now be had in Eire, though they said supplies were available in Great Britain and Northern Ireland and the U.S.A. Asked to comment upon this letter P. C. Cahill, M.C.P.S.I. (managing director of P. C. Cahill & Co., Ltd., wholesale manufacturing chemists, Dublin) said: 'There is no shortage of essential drugs in Ireland. If the cardiac drug mentioned by the author of the letter was a proprietary and could not be had, there were several alternative preparations available made by very reliable ethical firms. The only items of which an acute shortage existed, Mr. Cahill said, were phenol and mercury salts. The Government Research Bureau, he added, was taking steps to have them produced in the country.'

Manchester Chemists' Golf.—The meeting of the Manchester Pharmaceutical Golfing Society's season was held at the Ardara Golf Club on September 22, when a customary match between president and captain's teams was played. The pres-

was successful. After supper the president (Mr. J. H. Franklin) said that in view of transport and other difficulties, the club had had a successful season. The president (Mr. H. Brindle) said they were indebted to the president for the unvarying interest he had taken in the Society. In recognition of his services he proposed his election as the first honorary member of the Society, and his re-election as president. This was carried with applause. The following officials were then elected. *Captain*, W. Gee; *Secretary*, Mr. W. E. Phillipson; *Treasurer*, Mr. J. W. Avis. The retiring officials were thanked for their services. Prizes in competitions played during the year were presented to the successful players by the captain, as follows: Hough, Messrs. Mason & Co., Ltd., prize, C. Compston, W. E. Phillipson, 2. Captain's prize, Sproston, 1; A. D. Macdonald, 2. Griffiths Hughes, Ltd., prize, R. N.

Aitken, 1; S. M. Rostock, 2. Woolley trophy and replica, F. D. Gee, 1; H. Havers, 2. Ucal cup and memento, W. Gee, 1; A. B. Murray, 2. Robinson prize, H. Havers and B. Anderson.

Minor "Racket" in Cosmetics.—A correspondent writes: "A profitable racket in cosmetics is being engaged in by lorry drivers in their journeys up and down the country. Taking advantage of temporary local shortages in such things as face powder, lipstick, creams and toothpaste, they buy all they can in towns where there is a surplus. They have no difficulty in re-selling their purchases at a few coppers profit on each article—for example to waitresses in roadside cafés at which they are regular callers." One chemist refuses to sell cosmetics to men, and only allows them to buy one tube of such masculine requirements as shaving-cream and tooth-paste at a time.

I.G. MANNHEIM WORKS BOMBED AGAIN

On the night of September 23 a strong force of R.A.F. bombers returned to the attack on Mannheim-Ludwigshafen, last raided on September 5. The chemical works of the I.G. Farbenindustrie were among the targets bombed. The Air Ministry Bulletin states: "It was a clear night, with visibility very good both horizontally and vertically. The fighters were therefore given the opportunity of defending the target. As there was no moon, the Germans used a large number of searchlights, working in long cones, to silhouette the bombers. The bombers themselves dropped flares, which they tried to get in line along both the incoming and outgoing track of the bombers. The result was two lanes of flares almost at right angles to each other. 'The long lanes of flares made it almost a daylight attack,' a pilot said, and the navigator of a Lancaster described how the flares 'came whizzing down past us with their parachutes open.'"

It was easy to see the junction of the Rhine and Neckar, and many crews visually identified the dock area and other parts of Mannheim or Ludwigshafen, the suburb which faces it across the river. Fires were seen burning. "They were in the shape of stars," one crew reported, "with the main fire in the centre and other fires radiating from it." It is known that heavy damage was done when Mannheim and Ludwigshafen were last attacked, on the night of September 5. Communications were effectively hit: Mannheim is the

point where cargoes from the larger Rhine barges are transferred to smaller vessels or to railway trucks. The main railway station of both Mannheim and Ludwigshafen was severely damaged, and trans-shipment sheds and warehouses were gutted. A large part of the Ludwigshafen railway repair shops was burnt out. Among other war factories hit there was severe damage to the Lanz works, making artillery tractors and tank components, and to the Sulzer factory, making Diesel engines for warships.

Fires in Mannheim

The Ministry's Bulletin issued the following day states: A large number of fires were still burning in Mannheim-Ludwigshafen yesterday (Friday) afternoon, many hours after Bomber Command's heavy attack on Thursday night (September 23). Smoke still hung over a large part of the city. Fresh damage done that night was severe, especially in the dock, central, and Neckar Stadt areas of Mannheim. The enormous I. G. Farben chemical works in Ludwigshafen, a plant of the highest priority, where about thirty buildings were hit, including the ammonia synthesis plants, one of the most vital sections, was still burning. Among damaged factories identified are the Kali Chemie company sulphuric acid works, and the Verein Deutsche Oelfabriken, making edible oils and fats, of which the enemy is now very short. There is fresh damage to the Ludwigshafen railway station.

PARLIAMENTARY NEWS

Surgical Boots.—Captain Waterhouse informed Lady Apsley on September 23 that he was taking all possible steps to maintain production of surgical boots.

No Royal Commission on Patents.—Captain Waterhouse informed Mr. Parker on September 22 that, although the President of the Board of Trade was aware that there had been some criticism of the patent laws, it was not considered that a comprehensive inquiry, such as a Departmental Committee or Royal Commission, would be justified.

Training of Laboratory Assistants.—Sir Archibald Southby asked the Minister of Labour on September 21 whether he would take steps to ensure that a sufficient number of laboratory assistants would be available in schools and training establishments. Mr. Bevin replied that the existing arrangements had been devised with this object in mind and he did not think any further steps were necessary.

Registration of Wholesalers.—To a question by Sir Smedley Crooke, on September 22, whether, in order to stop black-market activities and overcharging, he would institute compulsory registration of wholesalers, the President of the Board of Trade (Mr. Hugh Dalton) gave a negative reply. His attitude was that he did not wish to introduce more restrictions on trade than were really necessary in the national interest.

Retail Business Licences.—Flight-Lieutenant Challen, on September 21, asked the President of the Board of Trade how many licences had been issued for the establishment of new retail business for essential and how many for non-essential goods since the control had come into force; also how many such licences had been issued to aliens. Mr. Doland, on the same day, asked how many licences had been granted to individuals, how many to multiple concerns, and how many to co-operative societies. Mr. Dalton said that between January 1, 1942, when the Location of Retail Businesses Order came into force, and June 30, 1943, 2,969 licences were granted for new establishments. Of those, 2,796 were to individual traders, 122 to multiple concerns, thirty-four to co-operative societies, eleven to variety chain stores, and six to department stores. Inquiries made from local price-regulation committees indicated that not

more than thirty licences had been issued to aliens.

Re-staffing Small Businesses.—Reply to Major Procter, who asked, on September 21, whether he could give an assurance that small traders who had lost their businesses through the effects of the war would in all cases receive licences to re-open either where their shops had previously been situated or in some more suitable neighbourhood, Mr. Dalton said this was a question on which he had invited views of the principal organisations concerned.

Sun-ray Lamps for Workers.—Mr. Nathan asked the Minister of Health on September 21 why some firms and others were permitted to purchase sun-ray lamps for the benefit of workers employed on night shifts. Miss Horsburgh replied that the Ministry of Health acted as an advisory body to the Board of Trade on applications for licences to acquire sun-ray lamps. The Ministry's medical advisers had to consider whether adequate medical and nursing staffs were available at the premises to ensure that treatment was given under proper supervision. If these conditions were fulfilled it was usual to recommend approval to acquire the apparatus, provided alternative facilities were not readily available.

Barrier Creams for Sale.—Sir E. Graham Little asked the President of the Board of Trade on September 23 whether he would reconsider his refusal to allow members of the public, even on medical prescription, to buy barrier creams produced by a firm whose name had been submitted to him. It had been demonstrated, said the questioner, that these protectives were commonly more effective than rubber gloves in preventing industrial dermatitis. Mr. Dalton replied that there was no objection to prevent any manufacturer of toilet preparations from supplying barrier creams for sale to the public, provided the value of the toilet preparations he supplied in any restriction period did not exceed the amount permitted by his licence. Not all members of the public require any preparation to purchase any such creams offered for sale. Registered manufacturers could supply barrier creams without restriction to their employees for distribution to their families in a schedule to the Toilet Preparations (No. 3) Order.

TOPICAL REFLECTIONS

etic Trade Outlook

The chairman's address at the annual meeting of Cosmetic and Toilet Preparation Trade Association of Great Britain, (p. 315), discloses, in concise and mellike phrases, a state of affairs that is regarded as satisfactory. The general feeling of the industry at the end of 1941 Mr. Blackwell said, one of "patient, dignified resignation," but might now be regarded as one of "critical co-operation." Many of your readers have, no doubt, been troubled by the exigencies of war to resign resignation with as much patience and dignity as they could muster—or even without one or both of those virtues. When the point is reached at which resignation can give place to co-operation, however critical co-operation may be, a certain lightening of burdens is experienced; and the resignation is to be congratulated on having made so much progress in this direction. Manufacturers and vendors of cosmetics are fortunate in having in charge of their interests an association with committees meeting so frequently as the two mentioned at this meeting. Looking to the future, the chairman said that the Association would work for the removal of official control "at the earliest possible moment" and that the war consistent with the safeguarding of the interests of members of the trade had sacrificed their future prospects for the result of concentration." No responsible person supposes that this control can be removed within a day or two after a general amnesty is declared: so crude a procedure would cause much confusion. Several factors will come into play when that time comes; the scope and the relative priority of these will, if common sense prevails, be decided by negotiation between the Government departments and the trade representatives concerned.

Conversion

The Board of Trade conversion of the calamine lotion of the National War Formulary from a toilet preparation to a medicinal application (p. 314) is acceptable. It is difficult, however, for the average pharmacist to discover on what principle or principles the decision has been made. The calaminæ of the British Pharmaceutical Codex contains three times as much calamine, weight in volume, as the corresponding N.W.F. lotion, and accordingly is, *na facie*, the more medicinal application of the two. One may hazard a guess that in

Government departments, with the possible exception of the Ministry of Health, this point counts for nothing. The course of discussion in such august spheres is probably something like this. Mr. X: "What is the calamine there for?" Mr. Y: "I don't know; but if you turn to the introduction to the National War Formulary, briefly known as N.W.F., you will see that the strictest economy in prescribing is enjoined. Now N.W.F. reduced the calamine by two-thirds and the glycerin by two-fifths, and substituted water for rose water. What a triumph of economy, Mr. X! What a contribution to the war effort! Can there be a doubt that the N.W.F. lotion should be made medicinal and the B.P.C. (British Pharmaceutical Codex) lotion left as a toilet preparation? And if any question is asked in Parliament on the subject, there is our answer ready to write out for the Minister." Thereupon Messrs. X and Y go out to lunch, aglow with the consciousness of having done a good morning's work. Further cases of pairs of formulas will, we may expect, be assessed with equal ingenuity by the officials concerned.

Ter de Die

Among your ten questions on p. 316 is one on the prescriber's direction "t.d.d." Although "The Art of Dispensing" gives these initials in addition to "t.d.s." and "t.i.d.," they are, I believe, rarely seen in this country. Yet "ter de die" is good Latin, even if it looks strange to eyes accustomed to the more usual sets of initials appearing in this connexion. Roman authors worked the preposition "de" distinctly hard—a fate attending prepositions in more than one language, ancient and modern. A Latin grammar informs me that "de" can express not only time but also place, origin, partition, respect, cause, and manner. Used of time, it can indicate a particular moment; or a period immediately following an event; or a duration, as in "ter de die." Cicero made, on one occasion, a subtle play on words by writing "non solum de die sed in diem vivere," the suggestion being that a contemporary of his caroused from before the evening of one day to dawn of the next. And apropos of these directions, how many of your readers below the age of fifty have dispensed prescriptions ten or a dozen lines in length written in full Latin? This leisurely custom ended, I think, about the time of Queen Victoria's death, and was in fact dying out some years earlier. **Xrayser**

LEGAL REPORTS

Machinery Without Licence.—At North London Police Court, on September 23, Alite Patent Machine Co., Ltd., 16a High-bury Place, London, N.5, were summoned by the Board of Trade for supplying Alite sifting and mixing machines and Alite filling machines to purchasers not authorised by Board of Trade licences to acquire them. There were nine summonses in all, and duplicate summonses against two directors, Robin Gordon Mack, Inglewood, West End Lane, Pinner, and George Rogers, 268 Baring Road, London, S.E.15. Summonses for acquiring machines from the company without licences were taken against Oxford Hair and Beauty Culture, Ltd., 76 New Oxford Street, London, W.1; Maison Aimee, Ltd., 303 Old Street, London, E.C.1; Maison Julius, Ltd., at the same address; Amy Rose, 54 Clarence Road, London, S.W.4 (a director of the three companies); Isaac Levin, trading as the Hygienic Research Works, 79 Evering Road, London, N.16; and Framraj Shangi Patel, trading as Camp Suppliers, 53 Haymarket, London, S.W.1. There was also a charge by the Ministry of Supply against another company for supplying material to the Alite Co. in contravention of the Control of Iron and Steel Order. All the defendants were legally represented and pleaded guilty.

For the Board of Trade it was stated that the machines manufactured by the Alite Co. were designed for filling capsules, etc., with powder or drugs or for mixing and sifting powders and drugs. They were efficient and ingenious machines, and licences had been granted to the company to supply them for important purposes in connexion with drugs and medicines. The company was formed in October 1937, and Mack and Rogers were the sole directors. The offences with which the company was charged came to light when an investigating officer visited their premises in March. He saw the directors, who put before him such information as he asked for, from which it appeared they had been supplying machines without authority. Mack stated: "The majority of our customers are engaged in Government work, and we found that the small number of machines sold would not enable us to make a profit." He added: "We admit that we wanted to get in touch with cosmetic firms as we had an eye on post-war prospects in that direction."

Of Mrs. Rose it was stated that at the time of the offences she controlled and owned two

companies which had been summoned as a director of a third. They were entered and had quotas under the Limits of Supplies Orders. The Board of Trade had found Mrs. Rose to have an accurate knowledge of the Toilet Preparations Order and with surprise they heard it stated she did not know she was not entitled to chase machines without a licence. She purchased three machines.

Mr. Levin admitted purchasing a machine. Mr. Patel was a registered manufacturer who devised a scheme of selling toilet preparations at a certain price to the extent of his quota and charging extra for packing. Directions had been issued prohibiting from supplying controlled goods, but he acquired machines after the directions had been issued.

For the Alite Co. it was stated that labour had been diverted that could have been utilised for making machines for other purposes. The two directors took the view that the small people to whom they were supplying machines were at a disadvantage compared with the larger firms. The company had lost money, but developed its machines and in 1942 saw the market for machines begin to rise. In the circumstances they were tempted to supply machines without which licences might have been refused. The cases were adjourned to Clerkenwell Police Court on October 1.

Deals in Uncustomed Goods.—The Sandford, Ph.C., High Street, Newbury, Berks, co. Down, was prosecuted recently for being concerned in dealing in uncustomed goods. There were two summonses, and articles included perfume, toilet cream, hair stick, rouge and vanishing cream. The Solicitor asked that a penalty of £100 should be imposed in the first case, and in the second a penalty of treble the amount of value involved. He stated that the practice of dealing in such goods had been going on for a considerable time. The Defendant had been in the habit of getting a licence to import from Eire, and import what was covered by this licence, but in the last couple of years had exceeded the licence and he was entitled to import. On behalf of the Crown it was stated that lately his trade had not been too good; as a consequence he was limited to a small quota of supply from Eire and had imported stuff from Eire to augment his livelihood. The Resident Magistrate was asked not to regard this as smuggling in a big way, or an attempt to make an excessive profit. A fine of £10 was imposed on each summons.

BIRTHS

BELL.—At Chelmsford, Essex, on September 12, Margaret, the wife of George G. P. Bell, M.P.S., 51 Moulsham Street, Chelmsford, of a son.

KENDREW.—On September 22, Sheila, the wife of Donald J. Kendrew, M.P.S., 10 Ash Street, Southport, of a son.

MARRIAGES

MORRIS—JONES.—At Tabernacle Welsh Baptist Church, Llandudno, recently, Hugh Gray Morris, M.P.S., 5 Assheton Terrace, Carnarvon, North Wales, to Nurse Martin Jones, Waenydd, Glanconway.

REES—LE BRUN POWELL.—At St. John's Church, Belmont, Surrey, on September 6, Harding B. Rees, M.P.S., 31 Croxteth Grove, Liverpool, 8, son of Mr. H. Miles Rees, Ph.C., Anerley, London, S.E.20, to "Polly" le Brun Powell.

THOMSON—MAIN.—At the Shelbourne Hotel, Edinburgh, on September 20, George Findlay Thomson, son of the late Mr. George Thomson, M.P.S., Crosshill, Fife, to Henrietta Liston Main.

DEATHS

BASS.—On September 7, Mr. Solomon Bass, M.P.S., 305 Eastern Avenue, Ilford, Essex, aged thirty-three.

CREAL.—On September 6, following a cycling accident, Mr. George Lionel Ditton Creal, M.P.S., chief pharmacist to the Royal Devon and Exeter Hospital, Exeter, aged sixty-four.

DESMOND.—Officially presumed lost from enemy action at sea, Pilot-Officer Dennis Alexander Desmond, Ph.C., 55 Freemason's Road, Custom House, London, E.16. Pilot-Officer Desmond passed the Pharmaceutical Chemist examination in 1933 after having been Hewlett exhibitor in 1931. From 1938-39 he was president of the West Ham and Eastern District Association of Pharmacists and for two years acted as secretary to the West Ham Pharmaceutical Committee. He leaves a widow and three children.

ROACH.—On September 17, Mr. William Frederick Roach, M.P.S., Homelea, Brockenhurst Road, Lymington, Hants, aged seventy.

SMITH.—At Parkstone, on September 16, Mr. Henry Llewellyn Smith, Ph.C., B.Sc. Mr. Smith qualified in 1898 and gained his

Ph.C. diploma in the following year. From 1914-18 he was professor of chemistry in the school of pharmacy of the Pharmaceutical Society.

VERNON.—Recently, during service with the Royal Army Medical Corps in India, Mr. Mark Henry Spencer Vernon, M.P.S., Trevoni, Warminster Road, Bathampton, Bath. Mr. Vernon qualified in 1934.

WINDLE.—On September 13, Mr. Josiah Weston Windle, M.P.S., 8 Station Road, Swanage, Dorset. Mr. Windle qualified in 1907.

PERSONALITIES

LIEUTENANT G. M. Ross, M.P.S., R.A.M.C., has been promoted captain on assuming command of an Indian medical store.

SIR STANLEY WOODWARK has been appointed to a third term of office as master of the Society of Apothecaries. (Corrected note.)

MR. JAMES W. GREAVES, son of Mr. S. C. Greaves, M.P.S., 35 Market Place, Chesterfield, has been successful in the final examination for the M.B., Ch.B. degree of Sheffield University.

MR. H. E. STREET, Ph.D. (Manchester), B.Sc., Ph.C., and Miss G. M. Watson, B. Pharm., Ph.C., have been appointed lecturers at University College, Nottingham, school of pharmacy.

MR. F. S. BOOTH, M.P.S. (A. E. Hobbs, Ltd., Tunbridge Wells), secretary of the local branch of the Pharmaceutical Society, is slowly recovering from a long and painful illness, and hopes to return to business shortly.

SERGEANT STANLEY E. KENNETT, M.P.S., R.A.M.C., Tunbridge Wells, brother of Mr. A. C. Kennett, M.P.S. (a member of Surbiton borough council), is reported a prisoner of war in the hands of the Japanese. Sergeant Kennett joined the Royal Army Medical Corps in 1940, and was drafted to Malaya, during service in which territory he was captured.

MR. JOHN CUMMINGS, M.P.S., 21 Mill Street, Alloa, and Mrs. Cummings, recently celebrated their golden wedding. Mr. Cummings became assistant to his father, the late Mr. Michael Cummings, chemist and druggist, at the age of fourteen. Seven years later he assumed control of the family business, in which he was in turn joined by his two sons.

EIRE COUNCIL ELECTION

THIS year an election will again be held for the seven rotational vacancies which occur on the Council of the Pharmaceutical Society of Ireland. Nine candidates have been nominated, including the seven outgoing Councillors and two new candidates: Messrs. T. B. O'Sullivan, M.P.S.I., Dublin, and Michael G. Murphy, M.P.S.I., Mitchelstown, co. Cork. The election is unique in that all three officers of the Society—the president (Mr. John Gleeson), vice-president (Mr. C. J. Cremen), and honorary treasurer (Mr. P. C. Cahill)—are seeking re-election at the same time. The other Councillors going to the polls are Messrs. James A. O'Rourke, Matthew J. Parkes, Philip A. Brady, and Hugh P. Corrigan. The following are notes on the candidates:—

PHILIP A. BRADY.—Before he came to the Council chamber at Lower Mount Street Phil Brady had been doing great work for his fellow chemists as president of the Irish Drug Association. On this vital trade organisation in Irish pharmacy he has a record of unselfish, consistent service stretching back for many years, not only, in fact, with the I.D.A. but with its predecessor, the Dublin and Provincial Retail Drug Association, and the Dublin branch of the Photographic Dealers' Association. Phil Brady has been a tower of strength in keeping things going in difficult times. His coming to Lower Mount Street established a very desirable liaison between the professional and trade bodies. Other public offices held include membership of the Meath Hospital Board and a governorship of the St. Lawrence Hospital, Dublin. Recently Mr. Brady had the distinction of being made a Peace Commissioner and elected a councillor of the Dublin Corporation.

PATRICK C. CAHILL.—Mr. Cahill faces the electorate with the imposing record of three years' vice-presidency, two years' presidency, and a year as honorary treasurer behind him. That his colleagues of the Council should have reposed such confidence in him as to call upon him to fill these offices in unbroken succession is in itself an eloquent tribute to his worth. No man in Eire pharmacy today has done more to pave the way for badly needed legislation than he has done in his work upon the consultative committee's report. He is in the unique position of having experience of the retail, wholesale and manufacturing sides of the drug trade and has established several well-known Eire proprietaries.

HUGH P. CORRIGAN.—If success in the management of his own business is passport to serve on the Council then Mr. Corrigan well deserves a place. Not only is he running a fine modern establishment at Malahide Road, Dublin, but in recent years has added two well-equipped branch pharmacies in Clontarf. During his service on the Council in the past three years Mr. Corrigan has shown himself to be a man of moderate, sound, commonsense views. In addition to the work of the Society he takes a keen interest in the work of the trade body with which he is associated.

C. J. CREMEN.—For many years an energetic councillor, and this year's vice-president, Con Cremen has taken a consistent interest in the affairs of his profession and its betterment. Apart from the purely professional side of pharmacy, he was one of the pioneers who helped to launch some of the native pharmaceutical industries now thriving today, and this at a time when such ventures had little support by way of tariffs. He holds a good attendance record for both Council and committee meetings during fully a decade, and would well deserve his promotion to the chair should that honour come his way.

JOHN GLEESON.—For the past twenty months Mr. Gleeson has filled the office of president of the Pharmaceutical Society of Ireland with marked ability and distinction; during the two previous years he had been vice-president. Since his election as president Mr. Gleeson has proved himself a capable chairman, and his occupancy of the chair has been characterised by tolerance, sense of fair play, sound judgment, patience, and discretion which have made him a most acceptable choice to all sections of the Council. In his attitude towards the future of pharmacy in Eire he takes a progressive and forward view and strongly supports the demand for new pharmaceutical legislation.

MICHAEL GERARD MURPHY.—Mr. Murphy, a newcomer in the list, has had almost all his pharmaceutical associations with county Cork. He served his apprenticeship with one of the largest of the Cork city pharmacies (Lesters of Patrick Street), and qualified as a Licentiate in January 1935. Since then he has carried on a successful business in the thriving market town of Mitchelstown. In his own area he has taken a prominent part in organising the Irish Red Cross Society, and has been an active secretary of the Mitchelstown Branch of the



Mr. P. A. Brady



Mr. P. C. Cahill



Mr. H. P. Corrigan



Mr. J. Gleeson



Mr. J. A. O'Rourke



Mr. M. J. Parkes

Pharmaceutical Society of Ireland for the past three years.

JAMES A. O'ROURKE.—Of the social implications of pharmacy in the Ireland of the future there is no keener student than James O'Rourke. Intensely interested in social work and vocational developments in other countries, especially as they affect his own profession, Mr. O'Rourke has long been campaigning for the creation of conditions in Eire that will make pharmacy an honoured and worthy calling. He has seen the dangers of overcrowding and over-commercialisation, and is anxious to preserve the professional status of pharmacy under such conditions as will provide a decent livelihood for those providing an essential health service to the community. Some members of the Council may differ

occasionally with his point of view, but all pay tribute to his sincerity and single-mindedness of purpose. In the year 1936-37 Mr. O'Rourke was president of the Society.

TIMOTHY BRENDAN O'SULLIVAN.—As one of the new aspirants to Council honours, Mr. O'Sullivan, from the time he came to Dublin from his native Cahirciveen, co. Kerry, has been active on the social side. For eight years he was treasurer of the Chemist Students' Social Club, and rendered great service on the Benevolent Fund dance committee since its inception. During his association with the dance committee almost £1,200 has been raised for the Benevolent Fund, an achievement in which he took no small part. Mr. O'Sullivan is one of those valuable people on a committee who says little but gets much work

done. When the pharmaceutical pilgrimages to Lourdes were organised in 1938 and 1939 he was one of the most active members of the committee responsible. In 1931 he qualified as a Registered Druggist. A year later he took the Assistants' examination, qualifying as a Licentiate in 1939.

M. J. PARKES.—Whether the majority of his fellow Councillors agree with him or not, the outstanding feature of Mr. Parkes in the Council chamber is the independent line he invariably adopts. This difference of outlook, at times, from the majority frequently leads to useful discussion at the Council table, and in this way is really helpful in securing that matters are fully thrashed out. No member of the Council can point to a better attendance record. Both at Committees and in Council business he has been a most assiduous worker. A Licentiate for over thirty years, Mr. Parkes has a wide knowledge of the problems confronting retail pharmacy.

Election Addresses

All of the candidates going forward have issued election addresses to the Members. On behalf of the seven outgoing Councillors seeking re-election the following circular has been issued by the president (Mr. John Gleeson):—

May I ask for your vote and influence on behalf of my colleagues and myself in this Council election. Most of us have had long service on the Council, in some cases extending to twelve years, and all have had a wide experience of pharmaceutical affairs. Within the limitations of the existing pharmacy laws we have endeavoured to safeguard and advance the interests of our profession on all possible occasions. Of the many measures originally initiated by one or other of these men and subsequently adopted by the Council I should like to draw your attention to the following:—

(1) The setting-up of the consultative committee and the formulation, in conjunction with the Irish Drug Association, of proposals forming the basis of a new Pharmacy Bill.

(2) The securing of commissioned rank for chemists serving in their professional capacity in the Army.

(3) The establishment of a special education subcommittee. This committee's report will be available in the near future and should result in a complete modernisation of the whole field of pharmaceutical education.

(4) The sponsoring of the Benevolent Fund dance committee, as a result of which many

hundreds of pounds have been added to the Benevolent Fund.

So far as the future is concerned, I feel I can safely promise that, if re-elected, my colleagues and I will persist in our efforts to protect the interests of all members and in general to improve conditions in pharmacy. If Irish pharmacy is to survive, it is essential that the present Act shall be superseded by one more keeping with modern requirements. I ask you to give us the opportunity to complete the many excellent schemes now in hand.

Mr. T. B. O'Sullivan, in his circular to members of the Society says:—



Mr. T. B. O'Sullivan

With many others, I feel that the Council needs a great representation of the young generation of chemists. During my association with the Benevolent Fund dance committee as member and treasurer for the past six years we have handed over nearly £1,200 to the Council for the benefit of those of our calling who through ill-health or ill-luck have had a hard struggle for existence. I hope my organising experience and practical outlook will be of use to pharmacy in general and helpful to the working of the Council. There should be more rigorous control of the numbers allowed to enter pharmacy. The Society's schools are overcrowded

—in fact the pharmacy class is booked as full ahead as 1945. This question must be faced.

Mr. M. G. Murphy, in his appeal to the electorate, says:—

You have noticed that while the cities are represented by seventeen members there are only four representatives of the country towns: one from co. Wexford; one from co. Leitrim; one from co. Tipperary; and one from co. Westmeath. The great areas of co. Cork, co. Kerry, co. Limerick, and co. Clare have not a single representative. This is not just or fair to the country-town chemist, whose difficulties are entirely different from those of city chemists. I ask your vote and support so as to ensure fair representation of the various interests of the Council. If elected I will take immediate steps towards having the pharmacy classes in Cork Technical Schools recognised by the Society. It will scarcely be credited that the Council, as at present constituted, has refused to recognise these classes, although it is not possible to obtain a place in the Society's school of pharmacy until January 1945. The Society has drawn up proposals for future legislation. It should be made known to you that the Council proposes that in the case of the death of a chemist his widow should only be able to carry on his business under a manager for a few years as a right. This should be resisted.

MINISTRY OF HEALTH REPORT

following are abstracts from the Summary Report of the Ministry of Health for the year ended March 31, 1943 (Cmd. 6468, Stationery Office, price one shilling):—From time to time during the year the Ministry reported that, though venereal disease and tuberculosis were black spots, the general health of the nation under all strains of war continued to be good, and men respects even better than in peace.

While there was some evidence of an increase in minor and short-term illness, this did not lead to an increase in illness of more serious type or longer duration, and, in volume, minor illness appears to have been no more prevalent than might have been expected at this stage of a hard war.

Minor Illness.—Standards of health have been rising steadily in the last few decades, and the past few years have seen the emergence of a conception of "positive health" implying something better than the absence of disease. Medicine has become increasingly preventive and protective, and its practitioners are being urged to carry their care beyond the cure of disease so that it embraces also the teaching of health and the means of attaining and maintaining it. Ordinary man and woman too are beginning to realise that they can so order their lives as to enjoy "health with a polish" far beyond their youth. These are great and welcome advances; but they have also resulted in a more acute awareness of much illness—much of it preventable—which exists. It may be also that people, tending to go to the doctor more regularly, and more generally in the earlier stages of illness, for this has been the message of health education for some years. People are more anxious to keep well to be able to continue with their war work. Proprietary tonics and drugs are not so easily obtained; and for the most part, there is not the money to spend on medical attention.

Diphtheria Immunisation Campaign.—The year 1942 was a good one in the fight against diphtheria. The number of deaths fell from 2,641 in 1941 to 1,826 in 1942. This establishes a new low record, the previous one being 2,133 in 1939. Notifications decreased from 50,797 in 1941 to 41,404, the lowest recorded figure since 1923. This is encouraging, but it cannot yet be said that the turning point has been reached; the present decrease may be due partly to the periodicity exhibited by most of the infectious diseases, and unremitting efforts

to have all children in this country immunised against the disease must continue.

Jaundice.—Epidemic (catarrhal) jaundice is occurring widely. Lack of knowledge of its causes and consequent inability to plan for its prevention led the Department, in consultation with the War Office, to ask the Medical Research Council for a special investigation, and a committee has been appointed for this purpose.

Scabies.—There are indications that the incidence of scabies is beginning to decline. Knowledge of the pest and its dangers is more general, more vigorous action has been taken by medical officers of health in the exercise of powers conferred on them by the Scabies Order, 1941 (which provides for the examination and cleansing of persons infected with scabies) and more treatment centres have been established.

Supply of Drugs.—The Department has continued to advise the Ministry of Supply on the use and control of drugs and allied substances. In part through the Vegetable Drugs Committee, it has paid special attention to the supply of two in particular—quinine and agar. It has been necessary to control the use of such materials to prevent waste, and to ensure a supply for those purposes for which no satisfactory alternatives can be found. Agar is essential for bacteriological purposes, so the Vegetable Drugs Committee arranged for the coast of Great Britain to be searched for a seaweed which would yield a preparation having all the properties required by the bacteriologist. The search was successful, and extensive trials followed to ascertain the most effective and economical method of extraction. The first batches made on the full production scale have been tested and have proved to be suitable for all bacteriological media. Collection of the particular species of seaweeds is being organised and controlled so that the beds may not be spoilt by overgathering. During the year also the routine control of sera, vaccines, arsphenamine and catgut, under the Therapeutic Substances Act, 1925, and subsequent Regulations, has continued. The Ministry is also represented on the Therapeutic Requirements Committee of the Medical Research Council, the British Pharmaceutical Codex Revision Committee, the Anti-Dermatitis Panel of the Ministry of Labour and National Service, the penicillin committee of the Therapeutic Research Corporation, and other bodies. Editorial comment on p. 338.

DOCTORS IN CONFERENCE

IN his presidential address at the annual meeting of the British Medical Association, on September 22, Lord Dawson of Penn referred to the future of the profession. Was it not a reproach, he asked, in view of the way medical knowledge had marched ahead, that a corresponding comprehensive health and medical service had not long been rendered available to all citizens? The pioneer efforts of the medical profession stood forth to its credit; from 1920 onward it had, through various agencies, successively and consistently advocated a comprehensive medical service and co-operation between local authorities and voluntary hospitals, and the latest of these efforts was the Medical Planning Commission. In contrast, the Ministry of Health, from 1920 to nearly the outbreak of the war, had cold-shouldered or opposed any such suggestions. It was only fair, however, to add that many years of obscurantism had given place at the Ministry, for two or three years past, to enlightened co-operation. Since the interim report of the Planning Commission saw the day, the Beveridge report on social security had come into the picture.

Large Areas but no "Dull Uniformity"

In the shaping and organisation of the service doctors must rightly have a big say; after all, they had to work it, and they knew the complexities of medical practice. As to the best form of local administrative body for this service, large areas specially delineated for health purposes, each administered by a widely representative health council, was the most far-sighted and attractive proposition. The social security payment for sickness was only a maintenance payment, and the Beveridge report favoured voluntary insurance to be "jam for the bread." Doctors wanted the same essential service for all—namely, the best, but no dull uniformity—a comprehensive service free to all citizens. That did not necessarily involve a whole-time salaried service for all doctors, nor was it necessarily incompatible with private practice and pay blocks. Though, in his belief, more earnings in the future would be derived from salary and less from fees, he was far from convinced that any uniform system of service or payment would meet conditions so multifarious as those attaching to medical practice, and any emergence of official and non-official groups of doctors would, in his opinion, be disastrous for all concerned.

Regional Experiments

Any satisfactory scheme could only built up in stages, and experience could be obtained by different "try-outs" in different regions during an experimental period. That applied, for instance, to health centres. Customs, habits, and feelings, many of centuries old, must not be suddenly uprooted; rather must the new order be gradually grafted on to medicine's historical past.

Representatives' Meeting

Discussion at the representative meeting of the Association largely centred round the Beveridge Report and Assumption. Mr. Souttar, from the chair, in moving adoption of the proposals on the future of medical services (see *C. & D.*, August 4, p. 171), said the medical profession in this country was faced today with the most important crisis in its history. What might happen in the future the end of the war would close an epoch in the whole social life of the country, and with the closing of that epoch they might have to say goodbye to the world in which they had grown up and possibly to medical practice as they had known it.

Planning Commission's Proposals

Three years ago the council, realising what must lie ahead, determined to look for the future. The Medical Planning Commission was formed, and in June it produced a unanimous report, which was considered by all the constituent bodies of the Commission and by the division of the Association, and met with a gratifying general approval. It was the intention of the Commission to elaborate its proposals, when there was suddenly launched a thunderbolt in the shape of the Beveridge report. The proposals of that report were for the most part admirable, and those that affected the medical profession were largely based on the accepted policy of the Association. To discuss means for implementing the proposals of the Beveridge report an authoritative body was formed which for four months discussed matters intimately with the Ministry. As a result they had reason to believe that the views of the Ministry had been greatly modified, and that the proposals would shortly be published in the White Paper were far more likely to meet their approval. The Association would be under no obligation to accept any scheme

sal the White Paper might contain. had come to some definite conclusions, these had been gathered together the head of "general principles," were now presented for criticism and, ped, approval by the members. On a the conference was overwhelmingly at a State medical service.

the final session of the conference al assent was given to the setting up omprehensive national medical service. resolution specifically expressed agree- with "the general principles of the idge plan." Three principal resolu- defined the policy of the Association omended by the Council and were ed with modifications after prolonged e.

ision of N.H.I. Recommended

e first resolution recommended that, ng the administrative changes neces- or a national medical service,

step towards the satisfaction of Assump- B there should be extension of National lth Insurance to include dependants of red persons and others of like economic us and to cover consultant and specialist ices and laboratory and hospital facilities well as general practitioner service. The ice should be improved from time to time ecommended by the profession. Those ons with incomes above an agreed limit d, if Parliament decides to make the ice available to every member of the munity, be permitted to become volun- contributors to the extended service. reconstruction of insurance committees ld be necessary.

ondly, it was resolved that there d not be any extension of service e the National Health Insurance Act satisfactory terms and conditions, ling an adequate capitation fee, had agreed. The third resolution adopted hat "A comprehensive medical service d be available for all who need it; t it is unnecessary for the State to de it for those who are willing and o provide it for themselves."

nised Experiments

resolution looking to the future pro- that "there should be initiated, by gement and agreement between the mment and the profession, organised iments in methods of practice, such oup practice, including health centres ferent kinds, which should extend to al practitioner and hospital units hed to general hospitals. Future dements in group practice should nd upon the results of such clinical administrative experimentation."

COMING EVENTS

Notices for inclusion under this heading should be sent in time to reach the Editor at Bath not later than Wednesday morning of the week of insertion. Secretaries are advised to send copies of printed programmes of local activities so soon as they are completed.

Saturday, October 2

ASSOCIATION OF SCIENTIFIC WORKERS, Essex Hall, Essex Street, London, W.C.2, at 2.30 p.m. Conference on "Problems of Freed Europe."

Sunday, October 3

MANCHESTER PHARMACEUTICAL ASSOCIATION. Ramble to Hope, Ashopton and Edate. Meet at Central Station, 8.30 a.m. Book Hope return. Carry lunch.

Monday, October 4

SOCIETY OF CHEMICAL INDUSTRY, Burlington House, London, W.1, at 2.30 p.m. Mr. S. J. Johnstone, O.B.E., on "The Organisation and Use of Technical Intelligence Services."

Wednesday, October 6

PHARMACEUTICAL SOCIETY'S SCHOOL, 17 Bloomsbury Square, London, W.C.1, at 3 p.m. Opening of 101st session. Inaugural address by Mr. W. S. Howells (president of the Pharmaceutical Society).

Thursday, October 7

BRISTOL BRANCH, SOCIETY OF CHEMICAL INDUSTRY, Bristol University Chemistry Department, at 6 p.m. Sir Robert Robertson on "Diamond."

NATIONAL ASSOCIATION OF WOMEN PHARMACISTS, 17 Bloomsbury Square, London, W.C.1, at 7.15 p.m. Mr. William H. Bradley, D.M., B.Ch., on "Epidemics."

GLASGOW AND SOUTH-WESTERN SCOTTISH BRANCH OF THE PHARMACEUTICAL SOCIETY, County Hotel, Dumfries, at 2.30 p.m. District meeting. "The Future of Pharmacy."

Tanks from Waste Paper.—Auxiliary petrol tanks made from paper are now being used by our Typhoons and other fighter aircraft. Known as jettison tanks because, being carried under the fuselage, they can be discarded by the aircraft when necessary, these fuel containers carry the extra fuel required by our fighters for long-range activity. Every day brings new uses for repulped waste paper, consequently every day more and still more waste paper is urgently needed.

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The fact that goods made of raw materials in short supply owing to war conditions are advertised in this paper or described in its editorial columns should not be taken as an indication that they are necessarily available for export.

Pay-as-you-Earn Income Tax

THE proposed new system for the collection week-by-week of income tax from weekly wage-earners, presented to Parliament last week by the Financial Secretary to the Treasury in the form of a White Paper (Cmd. 6469, Stationery Office, price 4d.), the main features of which we publish in this issue (p. 341), has received a good Press. There can be no doubt that the eight million taxpayers affected will acclaim the plan, not only because it provides for relief of ten-twelfths (manual workers) and seven-twelfths (other workers) of their 1943-44 tax liability, but also because the scheme will permanently remove the difficulties of meeting arrears of tax, often at a time when earnings have declined, assessed on incomes received five or ten months previously.

Once the simple principles of the scheme have been grasped its operation should present no difficulty to the taxpayer, and employers will be entailed in but a small amount of additional routine clerical work. Beyond the main advantage of the basic object of "pay as you earn," the scheme provides that where an interruption or decline in earnings, due to sickness or other cause, takes place, or an increase in allow-

ances in tax reliefs becomes operative, the weekly tax payment due will immediately decline accordingly, even to the extent that the worker may be entitled to a moderate refund of tax already paid. If, for instance, the tax relief is increased by the birth of a child in the ninth month of the tax year, a taxpayer with an income of about £8 a week will be relieved from payment of any further tax for the remainder of that year, and may even receive a small refund. If, on the other hand, the taxpayer's income increases his liability to tax will increase accordingly.

Tax Easily Calculated

The system will not involve elaborate calculations by employers. Each wage earner will be given a code number by the Inland Revenue in accordance with the allowances and reliefs due to him, and the code number for each of his employees will be notified to the employer well before the beginning of the year (i.e., before April 6). The employer will also be supplied with tax tables showing, for each code number, the "cumulative tax" on any given aggregate amount of wages up to the end of each week of the year.

In dealing with any particular week the employer will find in the tables (under the code number appropriate to that employee) the "cumulative tax" up to the end of that week on the amount of the employee's aggregate wages to date. He will then deduct, or refund, the difference between the "cumulative tax" up to the end of that week and the aggregate tax already deducted in previous weeks. A tax deduction card will be supplied to the employer in respect of each wage-earner for the purpose of recording, week by week, the wages earned and the tax deductions made.

Limited in Scope

The scheme, so far as it goes, is likely to prove one of the most popular and beneficial tax reforms ever introduced in this country. There are, it is understood, approximately twelve million payers of income tax, and this scheme, it is estimated, will benefit something like two-thirds of that number. The question has already arisen, and it will

no doubt be pressed in Parliament, why the proposals should not be applied to all earned incomes. Why should taxpayers who are paid weekly be excluded from "pay-as-you-go" solely because their wages are computed on annual amounts and why should all taxpayers who are paid monthly out of an annual salary also be excluded? The fact that their incomes are static for long periods and therefore easy to assess and "code" is a good reason why they should be included.

As the proposals stand the girl office worker on a salary of, say, £208 a year, or the male clerk on £312 a year, receiving weekly wages of £4 and £6 respectively, are outside the scheme, but the war-factory worker, receiving anything from £6 to £12 a week, is included and will receive the benefit of tax remission, and that of weekly deductions from his earnings. But extremely few chemists, whether employed in retail or in works, hospitals or laboratories, will come under the scheme. Employee pharmacists are, in most instances, engaged on an annual salary basis, sometimes payable weekly but usually monthly.

Assuring Post-war Liabilities

Following the armistice after the war of 1914-18 the Inland Revenue had to write off as irrecoverable arrears of tax due from thousands of taxpayers. This scheme will certainly avoid a repetition of that experience, but that, as we view it, should not be the only or even main object of the proposals. If the plan may easily be applied to the earnings of taxpayers whose incomes are liable to fluctuation it is obvious it may also be very easily applied to the static earnings of taxpayers whose weekly or monthly incomes are based on annual salaries.

Scheme Should be Applied Nationally

The idea of the scheme is excellent. It is ingenious yet simple of understanding and of operation. It will assure to the Treasury a substantial amount of revenue which it might have difficulty in collecting in the immediate post-war period under the old system. It will be helpful to a large section of taxpayers. Income tax, however, is a national matter; it is applied without distinction and equitably, according to

circumstances, to all persons in receipt of earned incomes, and there can be no two opinions on the claim that the facilities now to be provided under the new system of payment should be available to all taxpayers.

The Nation's Health

PERHAPS the most significant part of the Ministry of Health Summary Report for the year ended March 31, 1943, abstract of which are given on p. 333 in this issue is that contained in the section which states "the general health of the nation has been remarkably well maintained." At the beginning of a war that has proved to be long and hard, it was difficult to estimate with any degree of certainty the probable effect on the health of the population of such factors as evacuation, air raids, food rationing, long hours, lack of holidays, etc., and it speaks well for the stamina of the British people that they have withstood the rigours so well. It was obvious, of course, that in such abnormal conditions, minor and short-term illness would show an increase, but the incidence of the more serious type has happily shown no tendency to rise.

Vital Statistics

The year 1942 was a record-breaking period in vital statistics, the standardised death rates among civilians, both male and female, being the lowest ever recorded in England and Wales. The incidence of infectious diseases was remarkably low—probably the lowest on record. The report points out that, although statistics provide the basis for strict comparison with the years of peace and afford reliable evidence of the general well-being of the population, they cannot reflect the health situation in detail or measure "positive" health, and minor ailments and "below par" or "tired" feelings do not come within their scope. There is, in fact, no simple method of measuring the health (in a positive sense) of 40,000,000 people, though existing methods are constantly being extended. For many groups of diseases new low records in the number of deaths were established, including pneumonia, influenza, diphtheria, scarlet fever, rheumatic fever, gastric ulcer and other diseases of the stomach. The Report

es credit to sulphanilamide therapy for ne of the decline since 1938 in deaths in a number of causes, in addition to the ing in lives of many persons attacked cerebro-spinal fever during 1942. The ncipal diseases showing an increase in ths compared with 1941 include cancer hough the standardised death rate showed rise), Hodgkin's disease, coronary dis- e, angina pectoris, enteritis and diarrhoea. e total incidence of infectious disease was y nearly 30 per cent. than in 1941, let fever being the only disease in which re was a substantial increase.

Anger Spots

Two danger spots in the national health referred to in the Report in connexion with the increase of venereal disease and the prevalence of tuberculosis. With regard to venereal disease the increase continued though the rise was less steep. The Report gives details of measures taken to "dispel the atmosphere of ignorance and secrecy which for generations has favoured the spread of venereal diseases." There was a distinct check in the war-time increase in the death rate from tuberculosis, in connexion with which two important forward steps have been taken. First the newest method of chest examination by miniature ray photography was introduced, and secondly a scheme was initiated for the payment of special allowances to people who leave remunerative employment to undertake treatment for pulmonary tuberculosis, thus relieving them from anxiety about those who look to them for support.

Others and Children

The year was remarkable for a series of new records in the statistics relating to others and children. The number of women who attended ante-natal clinics or received ante-natal care through welfare authorities' arrangements with private practitioners was 513,325, representing 75.9 per cent. of the total registered births. The number of children of under one year at welfare centres for the first time was 453,467. The number of day nurseries opened was increased during the year by 829. The report includes a number of interesting figures referring to blood transfusion. The number of donors giving blood through the

Emergency Transfusion Service during the year under review was 375,000. After meeting the needs for whole blood, 294,000 pints of blood were sent for filtration as plasma or serum. During the year under review 52,000 bottles of blood products were sent to the Services together with small quantities to Malta, China, the Faroes and a prisoner-of-war camp in Germany. The Report concludes with ten statistical appendices.

A Crisis in Canadian Pharmacy

THERE may be a moral for British pharmacists in a critical situation that has overtaken the Canadian Pharmaceutical Association, the principal pharmaceutical body in the Dominion. Owing to the geographical "straight chain" arrangement of the provinces in the vast Canadian territory, the provincial pharmaceutical associations have developed to a large extent independently of one another, and the Dominion Association is a federal body. Recently (see p. 324) the Pharmaceutical Association of Manitoba Province gave twelve months' notice of its intention to withdraw from the all-Canada Association. The point at issue was whether the federal body should form a Board of Commercial Interests. Members in Manitoba argued that the infusion of a "dominant commercial attitude" in the policies of the Dominion Association would prejudice its status as an advocate of professional pharmacy. As a result, its influence would decline. In Manitoba itself, separation of professional from business interests had already been effected by the formation of a separate Retail Druggists' Association, which for ten years has been actively securing to pharmacists in retail business the sale of medicinal preparations. The Manitoba pharmacists have thus the additional anxiety that their own strong business position might be jeopardised by the formation of the Board.

Virtue or Necessity?

In this country business and professional interests became separated as a matter of necessity, not choice. Following a judicial finding that the Society's Charter limited its power of engaging in activities to protect its members, the Retail Pharmacists'

Union (now the National Pharmaceutical Union) was formed to do what the Society could not. It would have been better if the position had been unreservedly accepted by all concerned. Unfortunately, voices have been raised from time to time to question whether this or that activity of the Union was really a trade interest, or even to assert that, notwithstanding the Jenkin case, there were still matters of trade with which the Society could concern itself. The net result has been merely a weakening of the confidence on which the Union ought to have been able to count. Whether the motive of the questioners has been greater unity in the craft or merely to enhance the prestige of the Society as against the Union, the outcome is equally futile. There will always remain many actions in the sphere of trade that will be debarred to the Society. If these are entrusted to a body specially created to tackle them, is it not wiser to leave to the trade body all other trade questions, whether there is any compulsion to relegate them or not?

Wanted a Single Voice

In Canada it has transpired that, with the Pharmaceutical Association perfectly free to take action on business interests, dissentient voices are raised against their doing so. Nobody in this country can deny that, on the whole, the creation of, and work done by, the N.P.U. have been for the ultimate betterment of the craft as a whole. One could go further and claim it as almost a "safe bet" that an eventual solution of the Canadian dilemma will be brought about by relegation of trade matters to a new *ad hoc* body. What is no less evident, however, both in Britain and in Canada, is that, so sure as there are controversial issues between "professional" and "trade" pharmacists, there is need for an all-inclusive body to speak as the voice of pharmacy to the outside world. The founders of the Society probably had in mind to create just such a body, but their aims have been frustrated by the very Charter to which they looked to achieve this aim. Today such an "umbrella" organisation must be a new body, inclusive of all interests in pharmacy.

Guide to Sulphonamides

THE Medical Research Council has performed a useful service in publishing, War Memorandum No. 10, a 45-page booklet on "The Medical Use of Sulphonamides". As the introduction to the booklet pertinently points out, the remarkable multiplication in recent years of the number of sulphonamide drugs available for the treatment of infections makes it difficult for medical or supplies officers to keep abreast of the position. The booklet is not claimed to be an exhaustive treatise, but only a general guide. It opens with a chapter on the chemistry of the amides of sulphonic acids and of substituted sulphonamides, and in this connexion it may be pointed out that the Therapeutic Requirements Committee of the Council, which prepared the Memorandum, includes Messrs. C. E. Orfield, B.Sc., F.I.C., Ph.C., H. Davis, Ph.D., A.I.C., Ph.C., R. Dawson Hutchings, M.P.S., A. Mortimer, O.B.E., M.P.S., W. Thompson, M.P.S., and Dr. Hampsh. The Pharmacology of the group is next dealt with, and in a series of "General Considerations Governing the Use of Sulphonamides" the advice "to avoid confusion and difficulties in supply, sulphonamide drugs should not be ordered or prescribed by proprietary or brand names" is heavily underlined. The tabulated indications of dosage for adults and children in three groups should prove of immense value, while the use of sulphonamides in specific infections is treated in a series of monographs occupying twenty pages. Toxic reactions to the sulphonamides have been the subject of numerous observations on both sides of the Atlantic, and these and other side-effects are described in detail.

Sterilisation Methods

Although clearly designed for doctors the booklet will, on account of its appendices, be sought after by many chemists. The appendices deal with laboratory processes and the sterilisation of sulphonamide powder. The estimation of the concentration of sulphonamides in body fluids by various methods is described in detail, and notes are given on bacteriological studies. The booklet may be obtained from H.M. Stationery Office, price ninepence.

INCOME TAX ON WEEKLY WAGES

NEW system for collecting tax on a current basis has been devised which will automatically adjust the weekly deduction of tax to any rise or fall in wages, and at the same time relate the weekly deductions to the actual liability to tax on the aggregate wages for the whole year. The tax deducted from earnings in any financial year will represent the liability for that year, measured by the actual earnings of that year, and the deductions of tax week by week will keep pace with the accruing liability. The new system of deducting tax will apply not only to all wage earners employed by way of manual labour, but also to all other wage earners whose wages are calculated weekly and who are at present having their tax deducted under the method in force since 1940 under the provisions of Section 11 of the Finance (No. 2) Act, 1940. It will thus cover all classes of weekly wage earners whose tax is deducted in arrears, i.e. manual wage earners whose deductions in respect of tax are for the year beginning in April begin in the following February, and non-manual weekly wage earners whose deductions begin in November.

Method of Calculation

There will be ascertained at the end of every week the amount of tax due from the wage earner on the total amount of wages paid up to date, this amount of tax being calculated by allowing against the total amount of wages the proportionate part of the personal reliefs due to him for the whole year. The amount of tax to be deducted in any particular week will be (a) the tax due on the aggregate wages up to and including that week, less (b) the tax already deducted in the previous weeks of the year. Thus, at the end of the first week the tax to be deducted will be tax on the basis of allowing against the wage for that week $1/52$ nd of the reliefs for the year; at the end of the second week the tax to be deducted will be the excess of (a) the tax on the aggregate wages for the two weeks, allowing against those wages $2/52$ nds of the reliefs for the year, over (b) the tax already deducted in the first week, and so on throughout the year.

The Cumulative Tax

It will be seen that the factor governing deduction is the liability on the aggregate earnings up to date, which may be termed the "cumulative tax." The deduction in any week will be the "cumulative tax" less the tax already deducted in the previous weeks

of the year. The determination of the tax to be deducted by reference to the aggregate wages so far earned in the year ensures that the deductions keep pace with the accruing liability; this avoids the excessive deductions of tax in cases of fluctuating earnings that would result if one looked only at the earnings of a particular week as the basis for determining the amount of tax to be deducted in that week. Where wages fall or cease temporarily, it may happen that the "cumulative tax" up to the end of a particular week is less than the aggregate amount of tax deducted in previous weeks; in that event the system provides for a repayment of tax to be made forthwith by the employer equal to the excess of the aggregate amount of tax already deducted in previous weeks over the "cumulative tax" up to the end of the week in question. The "cumulative tax" up to the end of the last week of the year, being the tax on the aggregate actual earnings for the whole year after allowing a whole year's allowances and reliefs, will (subject to minor qualifications) be neither more nor less than the actual amount of tax due from the wage earner for the year.

The Employer's Part

The system will not involve elaborate calculations by employers. Each wage earner will be given a code number by the Inland Revenue in accordance with the allowances and reliefs due to him, and the code number for each of his employees will be notified to the employer well before the beginning of the year (i.e. before April 6). The employer will also be supplied with tax tables showing, for each code number, the "cumulative tax" on any given aggregate amount of wages up to the end of each week of the year. In dealing with any particular week the employer will find in the tables (under the code number appropriate to that employee) the "cumulative tax" up to the end of that week on the amount of the employee's aggregate wages to date. He will then deduct, or refund, the difference between the "cumulative tax" up to the end of that week and the aggregate tax already deducted in previous weeks. A tax deduction card will be supplied to the employer in respect of each wage earner for the purpose of recording, week by week, the wages earned and the tax deductions made. Examples are given in an appendix. Editorial on p. 337.

COMPANY NEWS

MARSH & Co. (CHEMICALS), LTD. (P.C.).—Capital £500. Manufacturers of chemicals, oils, colours, etc. Directors not named. R.O.: 396 Scotland Road, Liverpool.

MASSOGENE PRODUCTS, LTD. (P.C.).—Capital £1,000. Manufacturing chemists. Herbert E. A. Chinn, Charles D. Blake, and Renée C. Ayers, directors. R.O.: 21 Beak Street, London, W.1.

ELTO CHEMISTS PRODUCTS, LTD. (P.C.).—Capital £1,000. Manufacturers, exporters and importers of medicines, plasters, etc. Edward O. Levy and Tillie Levy, directors. R.O.: 81-83 Oxford Street, Glasgow.

FAIRBANK KIRBY (WHOLESALE), LTD. (P.C.).—Capital £1,000. Manufacturers and importers of and dealers in chemicals, drugs, disinfectants, toilet requisites, etc. Rolfe Kirby and Fairbank Kirby, directors. R.O.: 7 Ropery Street, Grimsby.

VITABENE, LTD. (P.C.).—Capital £1,500. To acquire from Reginald Milton the benefit of the formula for a tonic and restorative sold under the registered trade mark Vitabene. Directors to be appointed. R.O.: 112 Salisbury House, Finsbury Circus, London, E.C.2.

RIGORTONE PRODUCTS, LTD. (P.C.).—Capital £1,000. To acquire the business of Rigortone Products, carried on by Robert W. Black at Seedhowe, Staveley, Westmorland. Robert W. Black, M.P.S., director. R.O.: Seed Howe, Staveley, Kendal, Westmorland.

HORLICKS FARMS & DAIRIES, LTD. (P.C.).—Capital £100,000. Farmers, market gardeners, producers and manufacturers of and dealers in farm, milk and dairy products and derivatives therefrom. Lieutenant-Colonel James N. Horlick and Oliver P. Horlick, directors. R.O.: 9 Kings Bench Walk, Temple, London, E.C.4.

HUNTER GARNETT & Co., LTD. (P.C.).—Capital £5,000. To acquire the business of a hairdressers' and chemists' sundriesman carried on by Reginald H. Garnett, as the "Yorkshire Supply Co.," at 9 Glenside Road, Windhill, Shipley. Reginald H. Garnett and Marion Garnett, directors. R.O.: 9 Glenside Road, Windhill, Shipley, Yorks.

ASHE LABORATORIES, LTD. (P.C.).—Capital £10,000. To acquire the business of manufacturing chemists carried on by a company of the same name (in voluntary liquidation), at 120-22 Victoria Street, London, S.W.1, and to carry on the business

of manufacturing, analytical and research chemists, manufacturers of specialised food stuffs, soft drinks and surgical appliances etc. Cyril R. G. Young, John Dyer Wallace S. Hammond and W. E. Gaunt directors. R.O.: 120-22 Victoria Street London, S.W.1.

PANTAS, LTD.—Company limited by guarantee without share capital. To act as central organisation for producers and merchants in United Kingdom of tar acids in connexion with the sale and export of such tar acids to the United States, etc. "Producer" members are nominated by the Association of Tar Distillers, and "merchant" members by the British Chemical and Dyestuffs Traders' Association, Ltd. First "producer" directors: Messrs. W. A. Bristow, A. D. Daysh, W. C. Forbes, N. H. Graesser, L. Hilton and H. E. Sugden. First "merchant" directors: Messrs. F. A. Waugh, I. D. Orr, K. C. Gant and T. B. Rotham. Solicitors: Stephenson, Harwood & Tatham, London, E.C.2.

HORLICKS, LTD.—A final dividend of 16½ per cent., less income tax, has been announced for the year ended March 31, 1943. This payment follows an interim dividend of 13½ per cent. paid in April.

CIBA, LTD.—Dr. James Brodbeck (chairman since 1934) has resigned his chairmanship of the company but remains a member of the board. His place as chairman is taken by Mr. A. E. Peak (managing director and vice-chairman, The Clayton Aniline Co., Ltd.). Mr. Frank B. Common, K.C., Montreal, has joined the board. Mr. Common is chairman of the Pan-American Trust Co., Canada, and president of Anglo-American Chemicals, Ltd., Montreal, which company owns outright the majority of shares in Ciba, Ltd. Mr. Common, who acts under the Canadian Minister of Munitions and Supplies as honorary counsel to the Allied War Supplies Corporation, was recently elected chairman of The Clayton Aniline Co., Ltd. The other members of the board of Ciba, Ltd., are Messrs. J. J. Brodbeck (president, Ciba Pharmaceutical Products, Inc., Summit, U.S.A.), and T. F. M. Smart, O.B.E. (managing).

DELETED FROM REGISTER.—The "London Gazette," September 24, notifies that Richards Laboratories, Ltd., and Thomas' Herbal Dispensary, Ltd., have been struck off the Register of Companies.

TRADE NOTES

To Keep a Record of Sales.—H. Kelly (Chemists), Ltd., New Park Street, Leicestershire, have produced a "Sales Record of Toilet Articles" to facilitate compliance by chemists with recent legislation requiring entry of every sale of certain toilet preparations at the moment of sale. The record is in the form of a thin card, ruled to accommodate twenty sales of nearly a score of items and sizes, and includes a column for cash values. Prices for quantities of 250 and 500 of the cards are obtainable from the suppliers.

Nipa Products in Cosmetics.—P. Samuelson & Co., 17 Creechurch Lane, Leadenhall Street, London, E.C.3, refer to correspondence that has resulted from a statement (see *C. & D.*, September 11, p. 262) that, except for Nipa 49, Nipa products are forbidden to be sold for use in cosmetics and similar articles; they point out that the position is not quite correctly described as a total ban. What the regulations have, in fact, done is restrict the use of these preservatives to pharmaceutical, medical and similar preparations, and to technical purposes in connexion with the war effort.

Quota System for Diabetic Foods.—Energen Foods Co., Ltd., Energen Works, Bridge Road, London, N.W.10, state in reference to a letter that appeared recently in our correspondence columns (*C. & D.*, September 11, p. 278) that the company, with the co-operation of chemists throughout the country, has been operating for some time a "rationing" system that enables retail dealers to be supplied with the diabetic specialities manufactured by the company in proportion to the number of diabetic persons registered with them, or whom they have been able to identify among their customers.

Talc Importers' Association.—Applications for membership of the Talc Importers' Association, Ltd. (see *C. & D.*, September 25, p. 306), are invited. The Association is registered as a company limited by guarantee, and acts as distributor of imported talc on behalf of the Ministry of Supply. Membership is, in general, restricted to persons, firms or companies that imported talc (either as principals or agents) direct from abroad at any time during the six years ended August 31, 1942. Applicants for membership should write to the secretary, Talc Importers' Association, Ltd., 100 Exchange Buildings, Liverpool, 2, for details.

Business Changes

MR. DONALD G. MACKENZIE, M.P.S., has reopened, under a Board of Trade licence, his pharmacy at 130 Duke's Road, Burnside, Rutherglen.

THE NATIONAL UNION OF MINERAL WATER MANUFACTURERS' ASSOCIATIONS, LTD., has removed to 30 Duke Street House, Oxford Street, London, W.1. Telephone: Mayfair 6221.

MARY ANN SCHORAH has made application to the Price Regulation Committee (North-western Region) for a licence under the Location of Retail Businesses Order, 1942, to carry on retail business in drugs, toilet and other goods, at 19 Great George Street, Liverpool, 1.

MR. WILLIAM BLUNT MUNRO, M.P.S., is now the sole proprietor of the pharmaceutical business known as James Lohoar, 38 Cadzow Street, and 214 Low Waters, Hamilton, Lanarks, the partnership between him and Mr. James Lohoar, M.P.S., having been dissolved upon the latter's retirement from business.

Proprietary Articles Trade Association

Additions to Protected List.—Codella seltzer tablets (distributors, *Moore Medicinal Products, Ltd.*), glass tubes of fifteen tablets, 2s. 3d., 18s. doz., tax 3s. doz., inclusive retail price 2s. 6d.

Correction.—*Eli Lilly & Co., Ltd.*, Carbarsone suppositories, retail price, including purchase tax, 7s. 3½d.

COSMETIC RAW MATERIALS

THE position under the Toilet Preparations (No. 3) Order, 1943, of manufacturers of cosmetic raw materials who wish to supply wholesalers with raw materials for re-sale, has been queried in several quarters. It is now understood from the Board of Trade that there is nothing in the Order to prevent the sale of raw materials required for re-sale as such. A manufacturer of raw materials is thus not prevented by Article 5, Paragraph 2, of the Order from supplying raw materials to a wholesaler who requires them solely for the purpose of re-sale as raw materials. In order to safeguard his own position it will be advisable, however, for the manufacturer to sell to the wholesaler only on receipt of a declaration that the goods are required for re-sale exclusively to the persons referred to in Article 5, subsections 2A and 2B, of the Order. The ultimate responsibility is, of course, on the wholesaler.

TRADE REPORT

Spot quotations for pharmaceutical chemicals, crude drugs and essential oils represent the prices for wholesale quantities of standard quality. C.i.f. quotations do not include marine war risk insurance and other abnormal charges payable in the present emergency

28 Essex Street, W.C.2, September 29

THERE has been no unusual activity in the London drug and chemical markets during the past week, but dealers generally report business as fairly satisfactory under present difficult conditions. Most of the orders received have been for moderate quantities of goods required for immediate consumption, and there has again been a good deal of inquiry for articles no longer in regular supply. Prices are practically without quotable change on the week, although in a few instances minor alterations have occurred. Conditions in the PHARMACEUTICAL CHEMICALS markets have again shown the remarkable degree of stability that has characterised this industry for some considerable time, no important price changes having been notified for some weeks.

Crude Drugs

Interest in this section continues to centre around MENTHOL, which has been in considerable request. So far as can be ascertained, however, there are no sellers at the new controlled price, dealers taking the view that, having in many instances paid higher figures for their supplies, they cannot reasonably be expected to shoulder the loss. It is understood that an approach to the Board of Trade is contemplated, with a view to suggesting an amendment to the Order to meet the position. The usual periodical return relating to stocks and production of certain drugs is again requested by the Directorate of Medical Supplies. The new schedule contains a number of additions and amendments. Most items in the CRUDE DRUGS section are selling steadily at practically unchanged prices. Business in AGAR comprises small sales of Kobe No. 1 material for bacteriological use. Cape ALOES is in good demand, but no spot stocks appear to be available, and no offers can be had from the source. BENZOIN is selling slowly at previously-quoted rates. Re-sale prices for small quantities of officially imported CAMPHOR have not yet been announced. Sound ERGOT seems to have been cleared, but some wormy material remains. Indian HENBANE leaves may be obtained on spot at a wide range of prices, depending on alkaloidal content. Spot supplies of IPECACUANHA are exceedingly difficult to locate. A good inquiry has

been received for RHUBARB, with some sales resulting; prices are unchanged. Lack of demand has again characterised the market for SEEDS, but last week's easier prices are holding. Medium grades of TRAGACANTH are steady.

Licences for Ephedra and Araroba.—The Directorate of Medical Supplies has informed the botanical drug importers' section of the London Chamber of Commerce of its intention to recommend import licences for limited quantities of EPHEDRA and ARARоба during the period ending September 30, 1944. The Section has been asked to arrange for their importation. For this purpose firms which, during the years 1937 to 1942 inclusive, imported ephedra and/or araroba, should communicate with the Section at 69 Cannon Street, London, E.C.4. By "imported" is meant arranged the shipment and paid the overseas supplier. On receipt of the information the Section will send qualified importers the necessary form of declaration on which a return of importations can be made, and this will form the basis of recommendations to the Directorate of Medical Supplies.

Essential Oils

Practically no changes occur from week to week in the quoted prices for the remaining spot stocks of "free" ESSENTIAL OILS. Some oils are becoming much more difficult to find, and are likely to disappear entirely from the market in the absence of replenishments. It is understood that some supplies of the controlled essential oils are on the point of being distributed. The Ministry of Food announces that there will be no change in the existing prices of oils and fats allocated to primary wholesalers and large trade users during the five weeks ending October 30.

Pharmaceutical Chemicals

ASPIRIN.—Makers' prices steady. Current rates per lb. for quantities of 28 lb.—1 cwt., are as follows (containers in brackets): 4s. (1-lb.); 3s. 10½d. (4-lb.); 3s. 9½d. (7-lb.); 3s. 9d. (14-lb.); 3s. 8½d. (28-lb.).

BISMUTH CO., PULV., N.F.—Prices per lb., in quantities of 28 lb. to 1 cwt. are as follows (containers in brackets): 2s. 3½d. (1-lb.); 2s. 2d. (4-lb.); 2s. 1d. (7-lb.); 2s. (28-lb.). Terms net, one month.

RAX.—Makers' prices are as follows: B.P.,
dated, £39 10s. per ton; crystal, £40 10s.;
er, £41, packed in 1-cwt. bags, carriage
n Great Britain, in one-ton lots and up-
Commercial quality, £8 per ton less.

OMIDES.—Details of makers' current
 rule were given last week (p. 318).

UCINE.—Makers' current prices per oz. as follows: ALKALOID.—Under 25 oz., 3d.; 25 oz. and under 100 oz., 1s. 4d.; 100 oz. and under 500 oz., 1s. 3½d. NITRATE OF AMMONIUM.—Under 25 oz., 1s. 3½d.; 25 oz. and under 100 oz., 1s. 3d.; 100 oz. and under 500 oz., 1s. 2½d.

RATES.—Makers' prices for POTASSIUM are as follows:—

Quantity	In containers of				
	1 lb.	4 lb.	7 lb.	14 lb.	28 lb.
4 lb.	s. <i>d.</i> 3 6½	s. <i>d.</i> —	s. <i>d.</i> —	s. <i>d.</i> —	s. <i>d.</i> —
4 lb.	3 5½	3 4	—	—	—
7 lb.	3 4½	3 3	3 2	—	—
14 lb.	3 3½	3 2	3 1	3 0½	—
to 1 cwt.	3 2½	3 1	3 0	2 11½	2 11

N AND AMMONIUM (SCALES), B.P., is at 3d. per lb.
and SODIUM is at 1d. per lb. below the table prices.
Prices are net, packages extra. Sales are conditional
on the buyer's undertaking not to resell below these values.

CAINE.—British makers' current wholesale prices are as follows: HYDROCHLORIDE and CITRATE, 25 oz. and over, 35s. 8d.; 16 oz. and less than 25 oz., 36s. 10d.; over 8 oz. and less than 16 oz., 38s. per oz. ALKALOID, CITRATE and SALICYLATE, 25 oz. and over, 39s. 1d.; 16 oz. and less than 25 oz., 40s. 4d.; over 8 oz. and less than 16 oz., 41s. 7d. per oz., 16-oz. packages free, smaller packing extra. The scales and prices applicable to distributors of smaller quantities are as follows: HYDROCHLORIDE and CITRATE, 8 oz., 40s.; 4 oz. and less than 7 oz., 41s. 7d.; 2 oz. and less than 4 oz., 41s. 6d.; 1 oz. and less than 2 oz., 42s. 7d.; $\frac{1}{2}$ oz. and less than 1 oz., 44s. 2d.; $\frac{1}{4}$ oz. and less than $\frac{1}{2}$ oz., 47s. 9d. ALKALOID, CITRATE and SALICYLATE, 8 oz., 43s. 5d.; 4 oz. and less than 7 oz., 44s.; 2 oz. and less than 4 oz., 44s. 11d.; 1 oz. and less than 2 oz., 46s. 2d.; $\frac{1}{2}$ oz. and less than 1 oz., 47s. 9d.; $\frac{1}{4}$ oz. and less than $\frac{1}{2}$ oz., 49s. 10d. per oz., packages extra. Re-sale prices are subject to buyers' undertaking not to sell any quantity below current scale. Export prices vary according to destination.

DEINE.—Makers' prices per oz. are as
 follows: ALKALOID.— $\frac{1}{2}$ oz., 48s. 3d.; 1 oz.,
 9d.; 2 oz., 44s. 3d.; 3 oz., 43s. 6d.; 4 oz.,
 3d. HYDROCHLORIDE.— $\frac{1}{2}$ oz., 42s.; 1 oz.,
 6d.; 2 oz., 38s.; 3 oz., 37s. 3d.; 4 oz., 37s.
 PHOSPHATE.— $\frac{1}{2}$ oz., 37s. 9d.; 1 oz., 35s. 3d.;
 33s. 9d.; 3 oz., 33s.; 4 oz., 32s. 9d.

CREAM OF TARTAR.—Quoted by British
 1885 1886 1887 1888 1889 1890 1891 1892 1893 1894 1895 1896 1897 1898 1899 1900
 1901 1902 1903 1904 1905 1906 1907 1908 1909 1910 1911 1912 1913 1914 1915 1916
 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930 1931 1932
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EXTROSE, B.P.—Current rates range from 1s. 4½d. per lb., to 1s. 4¼d. per lb., according to quantity and packing.

ETHERS (METHYLATED).—Details of makers' net prices were given last week (p. 318).

GALLIC ACID.—Available at from 9s. to 10s. per lb., according to quantity.

GLYCERIN.—Prices per cwt. for small supplies are as follows: 56-lb. tin, 99s.; 14-lb. tin, 105s.; subject to $2\frac{1}{2}$ per cent. discount, twenty-eight days.

HOMATROPINE.—Makers' prices per oz. are as follows (prices per gram in brackets): ALKALOID, 1 oz., 97s. 6d.; 4 oz., 92s. 6d.; 16 oz., 87s. 6d. (4s.). HYDROCHLORIDE, HYDROBROMIDE AND SULPHATE, 1 oz., 75s.; 4 oz., 70s.; 16 oz., 65s. (3s. 2d.).

IODINE PREPARATIONS.—Home market prices per lb. were given last week (p. 318).

MAGNESIUM CARBONATE, HEAVY.—Makers quote for the home trade the following prices per lb. in quantities of 28 lb.—1 cwt. (containers in brackets): rs. 6½d. (1-lb.); rs. 5d. (4-lb.); rs. 4d. (7-lb.); rs. 3½d. (14-lb.); rs. 3d. (28-lb.). Prices net one month.

MAGNESIUM OXIDE, LIGHT.—Makers' prices per lb. for the home market, for quantities of 28 lb.—1 cwt., are as follows (containers in brackets): 2s. 8d. (1-lb.); 2s. 6½d. (4-lb.); 2s. 5½d. (7-lb.); 2s. 5d. (14-lb.); 2s. 4¾d. (28-lb.).

MAGNESIUM TRISILICATE.—Makers quote for the home market, in quantities of 28 lb.—1 cwt., as follows (containers in brackets): 3s. 6½d. per lb. (1-lb.); 3s. 5d. (4-lb.); 3s. 4d. (7-lb.); 3s. 3½d. (14-lb.); 3s. 3d. (28-lb.).

MERCURY IODIDES. — The following are makers' prices per lb.; RED, less than 7 lb., 20s. 8d.; not less than 7 lb., 20s. 2d.; not less than 14 lb., 19s. 8d. GREEN, less than 7 lb., 28s. 8d.; not less than 7 lb., 26s. 2d.; not less than 14 lb., 25s. 8d. YELLOW, less than 7 lb., 28s. 1d.; not less than 7 lb., 27s. 7d.; not less than 14 lb., 27s. 1d. net, carriage paid.

PHENOLPHTHALEIN.—No change in makers' quotations: Less than 7 lb., 4s. 6d. per lb.; 7 lb., 4s. 5d.; 14 lb., 4s. 4d.; 28-lb., 4s. 3d.; 1 cwt., 4s. 2d.

PILOCARPINE.—BASE, 1 oz., 27s.; 4 oz., 26s. 6d.; 25 oz., 26s. HYDROCHLORIDE, 1 oz., 21s. 3d.; 4 oz., 20s. 9d.; 25 oz., 20s. 3d. NITRATE, 1 oz., 18s. 6d.; 4 oz., 18s.; 25 oz., 17s. 6d.

POTASSIUM PERMANGANATE.—No change in makers' quotation of 1s. 10d. per lb. for B.P. material.

SANTONIN.—Home-trade prices are as follows: 10 kilos and over, £62; not less than 5 kilos, £63; 2-4 kilos, £64; 1 kilo, £65; 500 grams, £66; 250 grams, £67; 100 grams, £68; less than 100 grams, £69 per kilo. Carriage paid in United Kingdom.

SODIUM BENZOATE.—Price remains at 2s. 9d. to 3s. per lb., according to quantity.

TERPINEOL.—Available for medicinal use at from 3s. 6d. to 4s. per lb.

VANILLIN.—Makers' prices for material manufactured from clove oil or guaiacol are steady at 22s. 6d. to 23s. 3d. per lb., according to quantity.

Crude Drugs

AGAR.—Small lots of Kobe No. 1 are occasionally sold to approved users for bacteriological purposes at 65s. to 70s. per lb.

ALOES.—Cape continues in good demand, but spot supplies are practically impossible to locate; no offers are obtainable from source; spot price is nominal at about 82s. 6d. per cwt. Curaçao, spot, 480s. per cwt.

ANTIMONY.—English minimum 99 per cent. regulus is available for essential requirements at £120 per ton, delivered; 70 per cent. for the home trade, £100 per ton, delivered.

BALSAMS.—For softish *Tolu*, 14s. per lb. would be wanted on spot. *Canada* is steady at 10s. 3d., and *Peru* at 8s. 6d. *Copaiba* is unobtainable.

BELLADONNA.—Spot quotations for Indian leaf are unchanged at 5s. to 5s. 6d. per lb.; Indian root would fetch 4s. to 4s. 6d. per lb. on spot, both according to test.

BENZOIN.—A few odd orders are being filled at from £22 10s. to £25 per cwt. for fair-quality Sumatra block. Free "almonds" would be £32. Supplies for non-pharmaceutical purposes require consent of Director of Medical Supplies.

BUCHU.—Some inquiry continues but neither ovals nor rounds are offered.

CAMPHOR.—Demand is small. Chinese crude is offered to approved buyers at 10s. per lb., and B.P. at 11s. 6d. Re-sale prices for small quantities of natural and synthetic imported by the Ministry of Supply have not yet been issued.

CARDAMOMS.—Quiet and unchanged. Aleppy greens, spot, 5s. 6d. per lb.; Aleppy seed, 6s. 6d.; split seed, 5s. 6d.

CASCARA SAGRADA.—Inquiry continues but no supplies are offered at present.

CHAULMOOGRA.—*Hydnocarpus*, spot, tins in cases, 1s. 7d. per lb.; shipment from India, 1s. 3d. per lb., c.i.f.

CHILLIES.—Mombasā is the only variety offered; price on spot remains at 120s. per cwt.

CLOVES.—Spot quotation for Zanzibar steady at 1s. 5½d. per lb.; second-grade, to arrive, 10d. per lb., c.i.f., sellers.

COCOA BUTTER.—No change in the maximum official price of 1s. 5½d. per lb., ex factory or warehouse, except for sales made under Ministry of Food licence.

COCONUT (DESICCATED).—Maximum official price remains at 49s. per cwt.

DIGITALIS LEAF.—Portuguese leaf is offered on spot at 135s. per cwt.; English-grown leaf, steady at 2s. 6d. per lb.

DRAGON'S BLOOD.—The only variety available is dull Zanzibar drop, for which £21 per cwt. would be required.

ELEMI.—No 1 gum, in small supply, is quoted on spot at 340s. per cwt.

ERGOT.—Request continues, but stocks of sound material appear to be exhausted. Wormy may be had on spot at 5s. per lb.

GALANGAL ROOT.—Quoted at 100s. per cwt. in bond Liverpool.

GUM ACACIA.—Kordofan cleaned sorts quoted on spot at 95s. per cwt.; bleached, 14 c.i.f.; Talha, cleaned, 55s. per cwt., lane terms.

HENBANE LEAVES.—Indian leaves may be had on spot at from 200s. to 350s. per cwt. according to test. Russian leaves are available to approved buyers at 3s. 6d. per lb.

IPECACUANHA.—Spot demand continues good but supplies of both Matto Grasso and Mi are exceedingly difficult to find; there appear to be no offers from the other side. Current prices of EXT. IPECAC. LIQ. are as follows: Winchester, B.P., 1932, under three, 30s. per lb.; three and under six, 30s.; six and under twelve, 29s. 6d.; twelve and over, B.P., 1914, under three, 28s. 6d.; three and under six, 28s.; six and under twelve, 27s. 6d.; twelve and over, 27s. per lb.; all prices quoted are on a net basis.

JALAP.—Brazilian root, testing 16 per cent. is offered on spot at 105s. per cwt.

LIQUORICE ROOT.—Approved users can have Russian root for pharmaceutical purposes 75s. per cwt.; cut Russian root, for pharmaceutical purposes, 96s. 6d. per cwt.

MENTHOL.—A good demand is being received but there appear to be no sellers at the controlled price of 75s. per lb. (see Introduction).

MERCURY.—Official spot quotations range from £68 10s. to £69 15s. per flask, according to conditions and quantity, with higher rates for smaller lots and redistilled grades.

MYRRH.—For spot supplies of good-quality Aden sorts, £20 per cwt. would be wanted; pickings may be had at 10s.

NUTMEGS.—West Indian, spot, wormy broken, 1s. 6d. per lb.; sound unsorted, 1s.

NUX VOMICA.—Spot price of Cochín, was and garbled, remains at 42s. 6d. per cwt., that of Cocanada at 37s. 6d.; shipment Cocanada, 32s. 6d. per cwt., c.i.f.

ORANGE PEEL.—Good-quality thin-cut valued on spot at 4s. 6d. per lb.; bitter quarantined are not available.

PEPPERS.—Maximum prices of whole, picked over or cleaned, on sale to processors are: 1s. 4d. per lb. for white, and 1s. per lb. for black, both duty paid.

PODOPHYLLUM.—Untested material is quoted on spot at 95s. per cwt.

PSYLLIUM SEED.—Indian seed, in small quantities, pass on spot, 1s. 3d. per lb., ex store.

QUILLAIA BARK.—Crushed or cut bark, 95s. per cwt.; natural, spot, 75s.; afloat, c.i.f.

RHUBARB.—Rather more inquiry has been received this week. Prices are as follows: Rough-round, spot, 8s. per lb.; flat high-dried rough-coat, 8s. to 8s. 3d.; slightly wormy, Shensi pickings, 10s.

SAPONIN.—Steady at 7s. 6d. per lb., ex store.

EDS.—Business is again slow, with no other decline in prices. **CORIANDER.**—Indian, per cwt. **CUMIN.**—Maltese, spot, 120s.; an, 110s. **DILL.**—160s., ex wharf Glasgow; 16d., ex wharf London. **FENNEL.**—Nominal 7s. 6d. **FENUGREEK.**—May be had at 80s. **TARD.**—Controlled prices unchanged.

ENNA.—Quiet and unchanged. Prices are as follows: Pods, Alexandrian medium, 3s. 9d. to per lb.; Tinnevely, hand-picked, 11d. to 5d.; ordinary grade, 10d. to 11d.; manufacturing grade, 6d. to 7½d. Leaves, broken Indian, 1s. 3d. to 1s. 4d.; Tinnevely No. 1, 1s. to 10d.; No. 2, 7d. to 7½d.; No. 3, 5½d. to 6d.

GUILL.—Portuguese bulb can be obtained on at 80s. per cwt., and Indian at 72s. 6d.

RAMONIUM LEAVES.—Dealers' spot quotation of 95s. per cwt. is unchanged; afloat, c.i.f.

RAGACANTH.—No price changes have been effected in any of the medium grades: No. 1, 1e, £130 per cwt.; No. 2, white, £115; No. 3, white, £102; No. 4, white, £83; pale £73; amber leaf, £65; dark amber, £45; green leaf, £35; red-and-brown leaf, £32; red from £30; hoggy, light, from £17; woody dark, £12.

URMERIC.—Sound-quality Madras finger is invariable on spot at 57s. 6d. per cwt., and any at half-a-crown less.

ALERIAN ROOT.—Dealers offer at 95s. per lb., ex store.

AXES.—Bees'.—Obtainable only through Association of Merchant Distributors of Wax. **CARNAUBA.**—Quiet. Fatty grey and wax grey, spot, easier at 420s.; Primeira, 5s. per cwt.

Essential and Expressed Oils

ANISE (STAR).—Existing stocks are scarce; price nominal at 80s. per lb.

AY.—Any available small spot supplies would be worth approximately 12s. 6d. per lb.

DIS DE ROSE.—Spot price would be in the region of 47s. per lb., for any available supplies.

JUPUT.—Spot stocks are small; price in region of 15s. per lb.

NNAMON.—Leaf oil would be worth from 6d. to 16s. per lb.

TRONELLA.—Java oil, on spot, would be worth about 25s. per lb.; Ceylon, approximately 21s. 6d.

LOVE.—English distillers' prices are unchanged at 11s. 6d. to 12s. per lb., for B.P. oil, according to quantity.

CONUT.—Bulk supplies of refined deodorised are officially quoted at £49 per ton, and red hardened deodorised at £53, both naked ex works.

OTONSEED.—Bulk supplies are officially quoted as follows: Refined edible, £57 per ton; red deodorised, £58 per ton; both naked ex works.

CROTON.—Quotations are steady at 9s. 6d. per lb.

EUCALYPTUS.—The spot price of any available small supplies of oil containing 70 to 75 per cent. cineole would be in the region of 5s. 9d. per lb.; for 80-85 per cent. oil the price would be 6s., both grades in drums.

GERANIUM.—Genuine North African oil may be obtained at about 85s. to 90s. per lb., according to quantity.

GINGER.—English-distilled oil continues to be offered at about 90s. per lb.

GINGERGRASS.—In small compass on spot at approximately 22s. 6d. per lb.

LEMONGRASS.—Small spot supplies may be had at around 13s. 6d. per lb.

GROUNDNUT.—Controlled prices for bulk supplies are as follows: refined deodorised, £58 per ton; refined hardened deodorised, to 40°, £62; refined hardened deodorised, to 50° to 52°, £62; all naked ex works.

NUTMEG.—Oil from West Indian nutmegs may be obtained at around 42s. per lb.

PALM.—Official price of refined deodorised remains at £55 per ton and that of refined hardened deodorised at £58 per ton, both naked ex works.

PALM KERNEL.—Bulk supplies are officially priced as follows: refined deodorised, £49 per ton; hardened refined deodorised, £53 per ton, both naked ex works.

PALMAROSA.—Spot, in the region of 35s. per lb., for 93 per cent., if available.

PATCHOULI.—About 72s. 6d. per lb. would be the spot value of any remaining supplies of good-quality oil.

PENNYROYAL.—Any available spot supplies would cost about 40s. to 45s. per lb.

PEPPERMINT.—Supplies are inadequate to meet the demand; price of Chinese oil firm at around 110s. per lb.

PETITGRAIN.—In poor supply at around 25s. per lb.

RAPESEED.—Refined, in bulk, is officially controlled at £60 per ton, naked ex works.

ROSEMARY.—If available on spot, price would be in the region of 16s. per lb.

THYME.—High-grade oils are in difficult supply; price, if available, about 25s. per lb.

VETIVERT.—Spot, if available, around 95s. per lb.

Controlled Essential Oils.—The following are the controlled prices per lb. for essential oils imported under the essential oils scheme (for details, see *C. & D.*, September 4, p. 255): *Lease-Lend Oils (American)*: Lemon, cold pressed, 18s. 10½d.; lemon, distilled, 14s. 4d.; peppermint, 36s. 4d.; grapefruit, 18s. 2d.; sassafras, 11s. 1½d.; caraway, 20s. 4½d.; wormseed, 15s. (plus purchase tax); cedarwood, 3s. 1d.; nutmeg, 23s. 3d. *Oils from Empire Sources (maximum prices)*: Clove, Zanzibar, 5s. 6d.; citronella, 5s.; lime, 46s. 3d.; lemongrass, 5s. 6d.

MISCELLANEOUS INQUIRIES

Toilet Preparations Orders.—*W. D.*—The numbers of Statutory Rules and Orders affecting the sale of toilet preparations are 1942 Nos. 1512 and 2605; and 1943 Nos. 575, 2 (extending 1942 No. 2605) and 3 (Order No. 1213).

Flavouring Essences.—*V. M.*—A usual strength for flavouring essences is 1 oz. of the appropriate essential oil in 19 oz. of alcohol 90 per cent. The yellow colouring material for lemon essence is generally turmeric, but certain other materials are equally suitable.

Rape Oil.—*J. M. W. L.*—Even if your rape oil is of a refined grade it is unsuitable for use in hair oils not only because there is no satisfactory method of masking its characteristic odour, but also, and more important, it is in the class of fixed oils known as "drying" oils. These form, like linseed oil, a hard skin on drying and your customer would rightly complain if this happened on his hair.

Cleaning Corks.—*S. S.*—No method we have encountered is entirely satisfactory. You might try washing with water containing 10 per cent. hydrochloric acid, followed by immersion in a solution of "hypo" (sodium thiosulphate) and hydrochloric acid, finally washing the corks in a solution of soda and water. This method does not remove oils or fats, which should be treated separately.

Ladder Preventive.—*H. L.*—As a measure of protection against the occurrence of ladders in silk stockings the following solution is suggested:—

Acid potassium sulphate	30 parts
Citric acid	70 parts
Water, a sufficient quantity.	

Soak the hose in the solution. Dry and wash the stockings in the usual way. For repairing ladders in artificial silk stockings it is more usual to treat with a solution of celluloid in amyl acetate.

Use of Rectified Spirit.—*E. F.*—Although there is no control of the supply of rectified spirit to chemists in quantities up to one gallon monthly, and there is apparently no legal obstacle to use of the spirit in making perfumes (provided full duty is paid), rectified spirit is supplied to chemists only on the assumption that it will be utilised for necessary purposes. It would be difficult to justify the manufacture of perfumes under this heading.

Cresyls and Phenols.—*W. H.*—Cresylic acid is a Part I poison, the sales of which are restricted to authorised sellers of poisons (chemists). Phenols (the generic term covers both phenol, cresylic acid, and other compounds) are normally Part I poisons but substances containing less than 60 per cent. w/w are relegated to Part II of the Poisons List, and may be sold by "list" sellers, i.e. holders of a licence from the local authority of poisons. Labelling requirements apply and the substances must be supplied in closed containers as obtained from the manufacturers.

TRADE MARKS

(From "The Trade Marks Journal," September 8, 1943)

- "GUAPA"; for soaps, perfumery, essential non-medicated toilet preparations and cosmetic preparations (3). By Myosotis, Ltd., 70 Campden Street, Church Street, Kensington, London, W.8. 623,606.
- "TUSSEX"; for medicated syrup for treatment of the chest and respiratory disorders. By Tanners Chemists, Ltd., 350 High Road, Tottenham, London, N.17. 623,123.
- "ARCTIC GLOW"; for all goods (5) except infant and invalids' foods, dietetic foods and medicated confectionery. By Brook, Parker & Co., Ltd., Ashfield, Horton Road, Bradford, 623,245.
- "TONERGIC" and "TONERGETIC"; for pharmaceutical substances (5). By Camden Chemical Co., Ltd., Northington Street, London, W.C.1. 623,531-32 (Associated).
- "TRYPASE"; for pharmaceutical tablets and powders (5). By The Red Band Chemical Co., Ltd., 15A Richmond Terrace, Edinburgh. 623,682.
- "COLISTATIN"; for pharmaceutical substances for treatment of *Bacillus coli* infections. By Herts Pharmaceuticals, Ltd., Bessborough Road, Welwyn Garden City, Herts. 623,701.
- "C. L. HIGHFIELD" facsimile signature; for pharmaceutical and sanitary preparations and substances (5). By C. L. Highfield, 4 Sunbury Road, Longbridge, Birmingham. 623,765.
- "TERACIN"; for chemical substances for use in medicine and pharmacy (5). By Therapeutic Research Corporation of Great Britain, Ltd., 183 Euston Road, London, N.W.1. 624,001 (Associated).

CLOSED ON SATURDAYS.—Advertisers and subscribers are reminded that owing to conditions the Head Office of THE CHEMIST AND DRUGGIST, 28 Essex Street, London, W.1, is closed on Saturdays until further notice. Urgent instructions relating to advertising subscriptions should be sent to the C. & D., 17 Argyle Street, Bath, Somerset.

BURGOYNE'S
SEASONABLE • RELIABLE • PROFITABLE



WINTER LINES

Bronchial Emulsion Per Doz.

4 oz. 6/-

8 oz. 9/-

Chest and Lung Balsam

2½ oz. 7/3

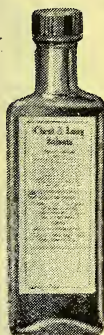
Lung Tonic (Same Formula)

5 oz. 10/3

Vapour Rub (Screw-capped jars) 5/-

Wintergreen Cream 5/-

Plus Purchase Tax at rate of 16½%



By selling these well-known "Red Diamond" Preparations you are assured of repeat business, good profits and goodwill

BURGOYNE BURBIDGES

Established 1741. & COMPANY LIMITED, LONDON. E.6



REGD. TRADE MARK

SULPHANILAMIDE B.P.

Made by
THE GEIGY PHARMACEUTICAL Co. Ltd.
 National Buildings, Parsonage,
 MANCHESTER, 3.

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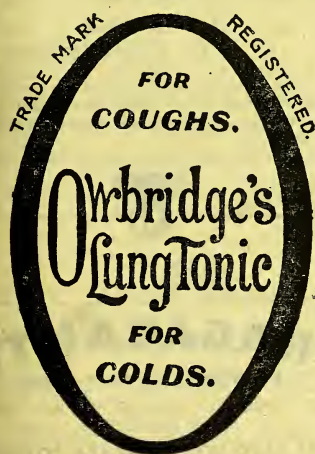


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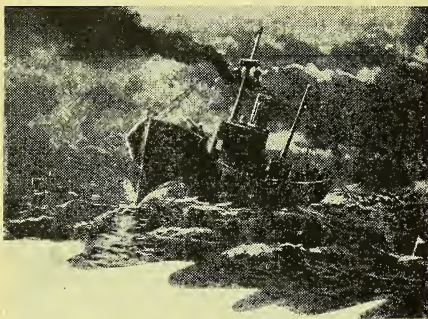
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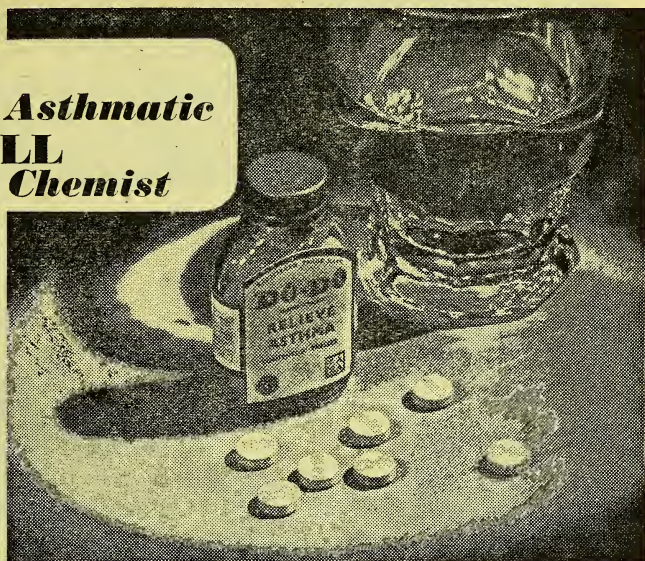
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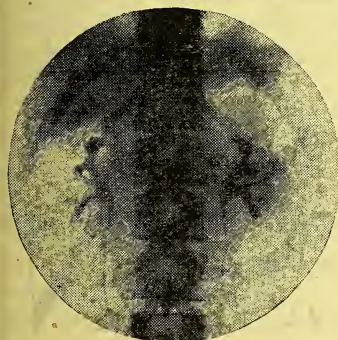
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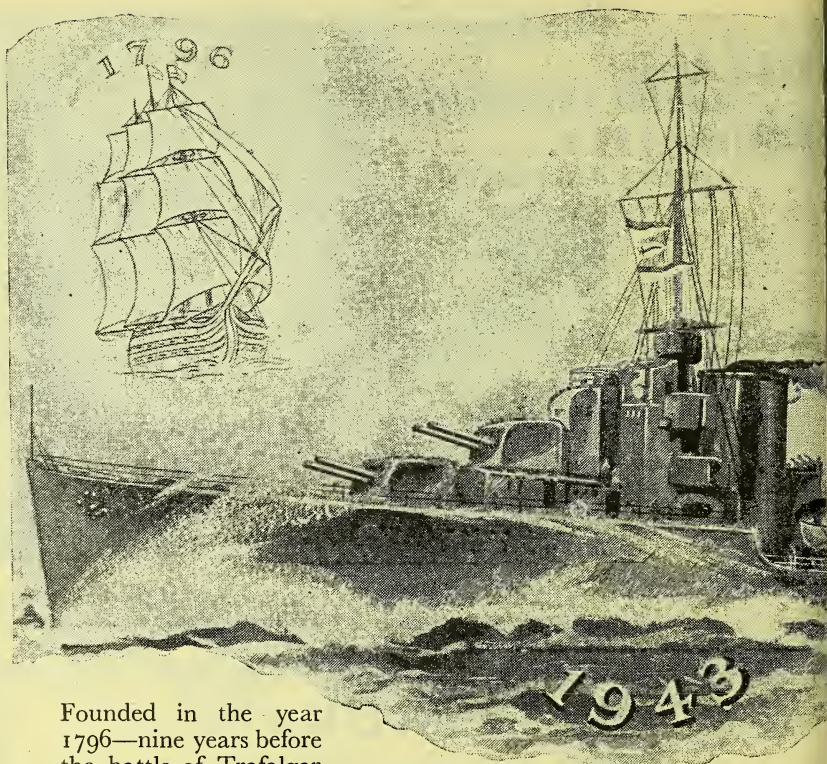
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REPRESENTATIVE (London) with established connexion required by well-known House marketing old-established proprietary lines. Write details, connexion and salary required: "Chemist," Box W.49654, Haddon's, Salisbury Square, London, E.C.4.

SECRETARY Shorthand-typist to Managing Director, Manufacturing Chemists, London, under Essential Works Order. Apply stating experience, salary, 445/389, London Office of this Paper.

THOMAS MORSON & SON, Wharf Road, Ponders End, Middlesex, require Counter Hand (male or female) for Poison Room. Previous experience essential.

UNQUALIFIED Assistant (either sex) required immediately. Permanency. No holiday or Sunday duty. Good conditions. State age, experience, salary required, and when free, to Manager, Pharmacy Department, Ipswich Industrial Co-operative Society, Ltd., 38 Carr Street, Ipswich.

WANTED a competent Chemist for an analytical Laboratory working in connexion with the Pharmaceutical Manufacturing Laboratory. The general ground required to be covered as indicated by the syllabus for the Diploma in Pharmaceutical Analysis of the Pharmaceutical Society. In addition to the requirements stated above a knowledge of the manufacture of Standard Solutions would be an advantage, and also recrystallisation of chemicals. Apply stating experience, age and salary required. If the applicant is a man he should be free from military service, or a competent lady chemist would be quite acceptable. 445/406, London Office of this Paper.

WANTED. Male or Female Assistant for Analytical Laboratory. 446/414, London Office of this Paper.

EXPERIENCED Representative required for Lancashire area by high-class Ethical Manufacturing Chemists to call on hospitals, doctors and chemists. Must reside in territory. Write, stating age, experience, qualifications and liability to military service to "N.M." c/o Charles Barker & Sons, Ltd., 31 Budge Row, London, E.C.4.

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BUSINESS of Registered Manufacturer wanted with quota Class 16 by important concern. Amalgamation or consolidation or other mutual arrangement might be considered on basis agreeable to both parties. Negotiation fee paid to any person introducing. 445/378, London Office of this Paper.

BUSINESS wanted within 10 miles London. Live Business or Drug Stores. 445/392, London Office of this Paper.

WANTED. Chemist business, small type, by elderly chemist. Living accommodation (or near), Newcastle district or Durham, Yorkshire or Lancs. coast. Replies in confidence, 445/399, London Office of this Paper.

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FIRST-CLASS Representative, 29, discharged services, calling all retail Chemists and Dept. Stores, South Scotland Area, desires additional lines, permanent position considered. 446/410, London Office of this Paper.

FIRST-CLASS Representative, 45, covering South West England and South Wales 10 years, desires additional Agencies. CDB/198, London Office of this Paper.

MR. W. A. ARCHER, for 30 years actively associated with West African Markets, wishes to inform his many friends in the Medical, Pharmaceutical and Perfumery trades that, although retiring from city life, on the advice of his doctor he is now able to accept an outdoor occupation. His address is 7 Southmont Road, Esher, Surrey.

REPRESENTATIVE with established connexion in Yorkshire, Durham and Northumberland, calling on Wholesale and Retail Chemists, Departmental Stores, requires additional line,—Pharmaceutical or otherwise. Commission basis. 446/422, London Office of this Paper.

YOUNG Man, age 26, not liable, desires position in or near London. Served for four years as a trainee to a retail pharmaceutical chemist, also four years' experience as an analytical chemist in large metallurgical firm. 445/385, London Office of this Paper.

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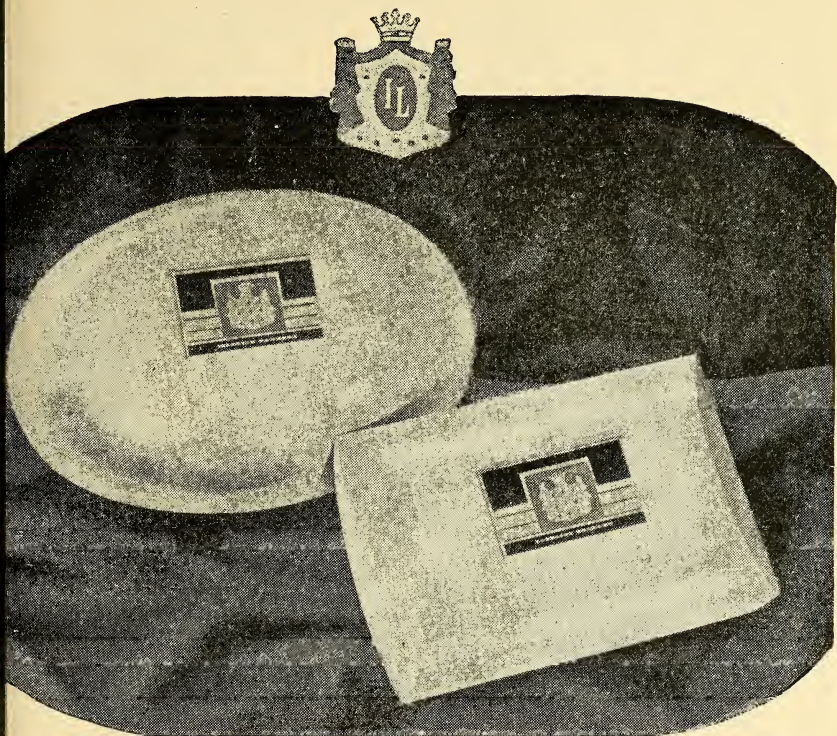
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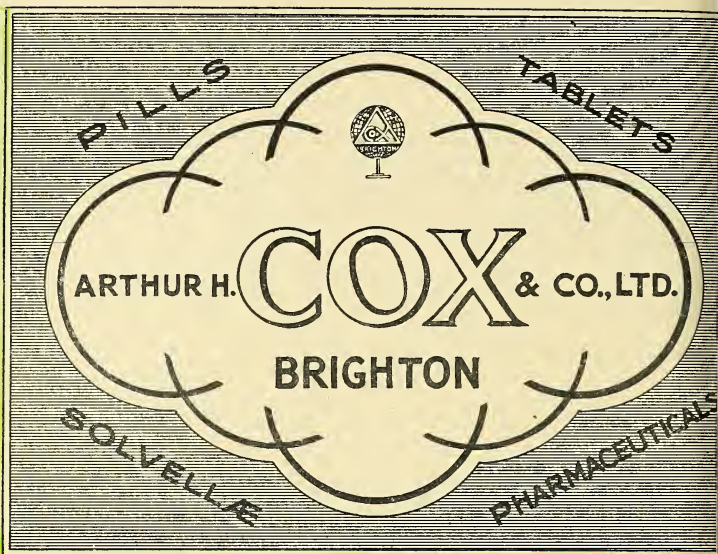


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